

<p>AAA</p>	<p>***** STANDARD PARAGRAPH INDEX ***** STDPAR A - APPENDICES AND EXHIBITS STDPAR B - COST AND GENERAL ACCOUNTING STDPAR C - QUALITY CERTIFICATIONS STDPAR D - DATA REQUIREMENTS STDPAR E - ENGINEERING REQUIREMENTS STDPAR F - SPEC REQUIREMENTS STDPAR G - SCRAP ACCOUNTABILITY STDPAR H - PURCHASE ORDER REVISIONS STDPAR I - INSTRUCTIONS STDPAR J - REQUEST FOR QUOTE (RFQ) STDPAR L - TRACEABILITY STDPAR M - MULTI-YEAR PROCUREMENT STDPAR N - MATERIAL RQMTS: BARSTK,CSTNGS,FRGS STDPAR P - GOVERNMENT REQUIREMENTS (SPECIAL) STDPAR Q - QUALITY ASSURANCE STDPAR R - REJECT AND REPLACEMENT STDPAR S - SUBCONTRACT AND OFFLOAD RQMTS STDPAR T - TOOLING AND/OR GAGING STDPAR U - SPECIAL PROGRAM REQUIREMENTS STDPAR V - SUPPLIER RELIABILITY / MRO STDPAR W - GENERAL TERMS AND CONDITIONS STDPAR X - ORDER SUGGESTION REMINDER INFO STDPAR Y - RECORDS AND RETENTION OF RECORDS STDPAR Z - PRIME CONTRACT & PRIORITY NUMBERS</p>
<p>AAB</p>	<p>AAAAAAAAAAAAAAAA A A AAAAAAAAAAAAAAAAA ATTACHMENTS AAAAAAAAAAAAAA A A AAAAAAAAAAAAAAAAA.</p>
<p>AAC</p>	<p>STANDARD PARAGRAPH CODES REFERENCED BELOW ARE IN FULL TEXT IN THE APPLICABLE DOCUMENT(S) 1-4 AND MADE PART OF THIS ORDER. 1. STANDARD TERMS AND CONDITIONS, COMMERCIAL DATED JANUARY 2001, REV. NONE 2. STANDARD TERMS AND CONDITIONS, U.S. GOVERNMENT, DATED JANUARY 2001, REV. NONE 3. PURCHASING STANDARD PARAGRAPHS, DATED 05/2001, REV. NONE. 4. QUALITY STANDARD PARAGRAPHS, DATED 05/2001, REV. NONE. COPIES OF THE TERMS AND CONDITIONS ARE AVAILABLE AT THE HAMILTON SUNDSTRAND WEBSITE: HTTPS://WW2.HAMILTONSUNDSTRANDCORP.COM/ ECOMMERCE/SUPPLOGINPAGE SHOULD YOU NOT HAVE A COPY OF THE STANDARD PARAGRAPH BOOKS, OR NEED A LOGON ID TO ACCESS THE TERMS AND CONDITIONS ON THE WEBSITE, CONTACT THE BUYER. COMMERCIAL TERMS AND CONDITIONS APPLY TO THIS ORDER UNLESS PARAGRAPH ATA OR A9A IS SPECIFIED. ALL FOREIGN NATIONALS MUST REGISTER WITH HAMILTON SUNDSTRAND HUMAN RESOURCES PRIOR TO ENTRY OUR PREMISES. STANDARD PARAGRAPH B3J (EARLY RECEIPTS)</p>

	<p>APPLIES TO THIS PURCHASE ORDER. WHEREVER THE NAME SUNDSTRAND, SUNDSTRAND CORPORATION, OR SUNDSTRAND AEROSPACE APPEARS, IT SHALL BE DEEMED TO MEAN HAMILTON SUNDSTRAND CORPORATION. //////////////////////////////////%%%%%%%%%////////////////////////////////</p>
AAJ	<p>SPECIAL LANTIRN PROVISIONS DATED 09-09-88 ARE HEREBY INCORPORATED BY REFERENCE AND MADE A PART OF THIS ORDER. SHOULD YOU NOT HAVE THE REFERENCED PROVISIONS, NOTIFY THE BUYER IMMEDIATELY</p>
AA1	<p>THE FOLLOWING ATTACHMENTS AND/OR EXHIBITS ARE APPLICABLE TO THIS REQUIREMENT WHETHER ATTACHED OR NOT</p>
AHH	<p>Exhibit 'HH' Entitled 'Space Shuttle Source Controlled Subcontractors for Off the Shelf Hardware'</p>
ATA	<p>STANDARD TERMS AND CONDITIONS, US GOVERNMENT DATED JANUARY 2001, REV. NONE IS MADE A PART OF PURCHASE ORDERS PLACED PRIOR TO 12/15/05. STANDARD TERMS AND CONDITIONS OF PURCHASING, EFFECTIVE 12-15-05 IS MADE A PART OF PURCHASE ORDERS PLACED AFTER 12/15/05.</p>
ATP	<p>SPECIAL TERMS AND CONDITIONS D-5, DATED 12/06/84 TO THE GOVERNMENT TERMS AND CONDITIONS ARE APPLICABLE; IF YOU DO NOT HAVE</p>
A1A	<p>*****PLEASE NOTE***** ALL PARTS ON THIS PURCHASE ORDER TO BE LESS PART MARKING.</p>
A1B	<p>PLEASE NOTE: THE F I N A L DIAMETER FOR THE UNKNURLED PORTION ON THE HEAD OF THE STUD IS THE SAME DIMENSION AS THE DIAMETER PRIOR TO KNURLING.</p>
A1C	<p>*** NOTICE *** THE PROPRIETARY INFORMATION AGREEMENT SIGNED BY THE SELLER, AND ON FILE WITH THE BUYER IS HEREBY MADE A PART OF THIS QUOTE/ORDER. *****</p>
A2A	<p>SUPPLIER PLEASE NOTE: THE BUYER RESPONSIBILITY FOR THIS PURCHASE ORDER HAS BEEN REASSIGNED AND IS NOTED ON THE AUTHORIZATION LINE BELOW WITH THE ASSOCIATED PHONE NUMBER. ALL CONTRACTUAL OBLIGATIONS REMAIN THE SAME AND MUST BE CONCLUDED WITH THE NEW BUYER AS ASSIGNED.</p>
A22	<p>SUPPLIER NOTE DATE THE MATERIAL MUST BE DELIVERED TO THE HAMILTON SUNDSTRAND RECEIVING DOCK.</p>
A28	<p>NOTIFICATION OF SUSPENSION/DEBARMENT STATUS ////*****\\\\\\\</p> <p>A. THE OFFERER/SUPPLIER AGREES TO PROVIDE IMMEDIATE WRITTEN NOTICE TO THE PURCHASER (PRIOR TO THE AWARD OF OR DURING THE PERFORMANCE OF THE PURCHASE ORDER) IN THE EVENT OF RECEIVING A NOTICE OF SUSPENSION, PROPOSED DEBARMENT, DEBARMENT, OR INELIGIBILITY FROM</p>

	<p>ENTERING INTO ANY CONTRACTS OR GRANTS WITH ANY U.S. FEDERAL GOVERNMENT AGENCY. B. THE OFFERER/SUPPLIER AGREES THAT THIS NOTIFICATION REQUIREMENT IS A MATERIAL TERM OF THIS PURCHASE ORDER. THE BUYER RESERVES THE RIGHT TO RETURN, AT MATERIALS OR SUPPLIES RECEIVED IF: 1 IN EXCESS OF PURCHASE ORDER QUANTITY PER SCHEDULED DELIVERY</p>
A9A	<p>=====</p> <p>STANDARD TERMS AND CONDITIONS, US GOVERNMENT DATED JANUARY 2001, REV. NONE IS MADE A PART OF THIS PURCHASE ORDER.</p>
BAA	<p>BBBBBBBBBBBBBBBBBBBBBBBBBBBBBBBB</p> <p>B B</p> <p>BBBBBB COST AND GENERAL ACCOUNTING BBBBBB</p> <p>B B</p> <p>BBBBBBBBBBBBBBBBBBBBBBBBBBBBBBBB</p>
BX1	<p>*** PROGRESS PAYMENT UTILIZATION ***</p> <p>A PROVISION IS INCLUDED IN THE CONTRACT BETWEEN HAMILTON SUNDSTRAND AND THE CUSTOMER WHICH PROVIDES FOR PROGRESS PAYMENTS OR COST REIMBURSEMENT. SHOULD THIS PIECE PART ORDER EXCEED \$75,000 TO A SMALL BUSINESS, OR SHOULD THIS ORDER BY ITSELF OR WITH A GROUP OF ORDERS TO AN INDIVIDUAL LARGE BUSINESS EXCEED \$500,000. THE POTENTIAL EXISTS TO UTILIZE THE BENEFITS OF (1) AUTHORIZING PROGRESS PAYMENT OR (2) OF ACCELERATING DELIVERIES WHEN SIGNIFICANT COST SAVINGS CAN BE REALIZED. CONTACT COST MANAGEMENT PRIOR TO PLACEMENT OF THIS ORDER FOR FURTHER ASSISTANCE.</p> <p>**** PROGRESS PAYMENT UTILIZATION ****</p>
B21	<p>THIS SITE IS CONSIDERED TO BE IN THE PURCHASED ON THIS PURCHASE ORDER WITHIN THE CITY OF ROCKFORD ARE NOT SUBJECT TO SALES TAX.</p>
B3J	<p>*****</p> <p>THE DELIVERY DATE(S) SPECIFIED IN THIS ORDER ARE FOR DELIVERY OF THE GOODS TO THE DESTINATION SPECIFIED HEREIN. IF THE MATERIALS ARE PRESENTED AT THE SHIPPING DESTINATION MORE THAN FIVE (5) DAYS PRIOR TO THE SCHEDULED DELIVERY DATE, BUYER RESERVES THE RIGHT TO PLACE THE MATERIALS IN A HOLD AREA PRIOR TO RECEIPT OF ACCEPTANCE ACTION WITHOUT FURTHER OBLIGATION UNTIL THE DATE SPECIFIED FOR DELIVERY IN THE ORDER OR, TO RETURN THE EXPENSE. REGARDLESS OF WHICH OPTION BUYER EXERCISES, TITLE AND RISK OF LOSS SHALL REMAIN WITH THE SUPPLIER UNTIL SUCH TIME AS BUYER AFFIRMATIVELY ACCEPTS TITLE, BUT IN NO EVENT LATER THAN THE AGREED UPON DELIVERY DATE</p>
B31	<p>** **</p>

	<p>** CHANGES ** ** ** ** ANY CHANGES PROPOSED TO THE SELLER BY ** ** ANY REPRESENTATIVE OF SUNDSTRAND, OTHER ** ** THAN THE BUYER, MUST BE COMMUNICATED TO ** ** THE BUYER IMMEDIATELY. IF THE PROPOSED ** ** CHANGE(S) WILL AFFECT CURRENT COST AND/ ** ** OR DELIVERY OF THIS PURCHASE ORDER, ** ** THIS MUST ALSO BE COMMUNICATED AT THIS ** ** TIME. ** ** THE BUYER RESERVES THE RIGHT TO GRANT ** ** OR DENY AUTHORIZATION TO PROCEED WITH ** ** CHANGES TO THIS PURCHASE ORDER. ** ** WITHOUT PROPER AUTHORIZATION TO PROCEED ** ** FROM THE BUYER, ANY ADDITIONAL COSTS ** ** OR DELIVERY DELAYS INCURRED ON THIS ** ** RESPONSIBILITY. ** ** ** *****</p>
B32	<p>THE PRICING SHOWN ON THIS PURCHASE ORDER IS STATED IN U.S. DOLLARS AND IS AN ESTIMATE BASED ON A 5.75 EXCHANGE RATE FOR FRENCH FRANCS. HOWEVER, PAYMENT WILL BE MADE IN FRENCH FRANCS AT THE STATED FRENCH FRANC PRICE AS DESCRIBED ELSEWHERE IN THE TEXT OF THIS PURCHASE ORDER, REGARDLESS OF THE EXCHANGE RATE AT THE TIME OF SHIPMENT.</p>
B43	<p>PLEASE NOTE: F.O.B. HALEY, ONTARIO CANADA DUTY NOT INCLUDED</p>
B44	<p>SUPPLIER NOTE: ADD THIS STATEMENT TO YOUR BILL OF LADING: THIS ITEM MUST BE DELIVERED TO HAMILTON SUNDSTRAND, 2480 W. 70TH AVENUE, DENVER, COLORADO 80221, IN EITHER AN OPEN TOP TRAILER OR ON A FLAT BED TRAILER--NO EXCEPTIONS.</p>
B46	<p>NOTE: DO NOT EXCEED 6000 LBS. MAXIMUM WEIGHT PER BUNDLE OF BARS.</p>
B48	<p>NOTE: PRICE SUBJECT TO PRECIOUS METAL PRICE ADJUSTMENT TO BE DETERMINED AT TIME OF DELIVERY</p>
B5S	<p>***** TAX NOTE THIS PURCHASE ORDER IS MARKED NON-TAXABLE BECAUSE THE MAJORITY OF THIS PURCHASE IS NON-TAXABLE. IF THERE IS ANY SALES TAX ON MATERIALS, INCLUDE IT IN THE MATERIAL PRICE, NOT AS A SEPARATE ITEM.</p>
B5T	<p>=====</p> <p>*** TAX NOTE *** THIS PURCHASE ORDER IS MARKED NON-TAXABLE TO AVOID DUPLICATION. APPLICABLE SALES OR USE TAXES ARE INCLUDED IN THE BASE PRICE AND ARE TO BE PAID BY THE CONTRACTOR.</p>

B59	YOUR PROCUREMENT CONTACT IS: GERRY FOLLMAR, PROCUREMENT SPECIALIST PHONE: 815/226-5048 FAX: 815/394-2471
B60	YOUR PROCUREMENT CONTACT IS: WAYNE ALLEN, BUYER PHONE: 815/226-2589 FAX: 815/226-5059
B61	YOUR PROCUREMENT CONTACT IS: PAM LINDSTROM, BUYER II PHONE: 815/966-8494 FAX: 815/966-8087
B62	YOUR PROCUREMENT CONTACT IS: BEN GALLAGHER, PROCUREMENT SPECIALIST PHONE: 815/226-5383 FAX: 815/226-5059
B66	YOUR PROCUREMENT CONTACT IS: KAY KROMM, BUYER PHONE: 815/226-6995 FAX: 815/226-5313
B67	YOUR PROCUREMENT CONTACT IS: JILL MICHELS, PROCUREMENT SPECIALIST PHONE: 815/226-6841 FAX: 815/226-5059
CAA	CCCCCCCCCCCCCCCC C C CCCCCCCCCCCC CERTIFICATIONS CCCCCCCCCCCC C C CCCCCCCCCCCCCCCC

CAC	<p>REVISED SEPTEMBER 2004 SPECIAL PROCESSES FOR THIS PART MUST BE PERFORMED BY A HAMILTON SUNDSTRAND APPROVED SUPPLIER. THESE PROCESSES AND SUPPLIERS ARE LISTED ON THE SUPPLIER WEB-PAGE: WWW.SUPPLIERS.HAMILTONSUNDSTRAND.COM CLICK ON THE 80/85 REPORT LINK SUPPLIERS MUST COMPLETE FORM 4 OF THE ASQR-01 AGREEMENT TO SHOW WHICH SUPPLIERS PERFORMED PROCESSES. AN ELECTRONIC SOURCE INSPECTION RECORD (ESIR) CREATED IN E-SILK IS AN ACCEPTABLE ALTERNATIVE TO FORM 4. SPECIFIC QUESTIONS REGARDING SUPPLIER AND PROCESS APPROVALS MUST BE DIRECTED TO YOUR BUYER. THE USE OF AN UNAPPROVED SUPPLIER UNDER THE CONDITIONS DEFINED MAY RESULT IN THE CANCELLATION OF THE PURCHASE ORDER. CAUTION: THE FOLLOWING PROCESSES, WHETHER ELECTROLYTIC PLATING, ELECTROLESS PLATING, OR PRECLEANING, EXPOSES THE HARDWARE TO HYDROGEN. THESE PROCESSES MUST INCLUDE STRESS RELIEF BEFORE PLATING/CLEANING AND EMBRITTLEMENT RELIEF RESPONSIBILITY TO ASSURE THAT BOTH BE REQUIREMENTS.</p> <table border="0"> <tr><td>AMS2400</td><td>P101</td></tr> <tr><td>AMS2402</td><td>P106</td></tr> <tr><td>AMS2404</td><td>P115</td></tr> <tr><td>AMS2405</td><td>P12</td></tr> <tr><td>AMS2406</td><td>P142</td></tr> <tr><td>AMS2408</td><td>P145</td></tr> <tr><td>AMS2409</td><td>P158</td></tr> <tr><td>AMS2410</td><td>P195</td></tr> <tr><td>AMS2411</td><td>P224</td></tr> <tr><td>AMS2412</td><td>P225</td></tr> <tr><td>AMS2416*</td><td>P63</td></tr> <tr><td>AMS2418</td><td>P66</td></tr> <tr><td>AMS2419</td><td>P67</td></tr> <tr><td>AMS2422</td><td>P71</td></tr> <tr><td>AMS2438</td><td>P72</td></tr> <tr><td>AMS2481</td><td>P76</td></tr> <tr><td>CP41.08-03-01</td><td>PN13.03</td></tr> <tr><td>DEF STAN 03-9</td><td>PN13.06</td></tr> <tr><td>DOD-P-16232</td><td>PN13.06-01</td></tr> <tr><td>DOWTY DEF STAN 03.20</td><td>PN13.08</td></tr> <tr><td>DOWTY DEF STAN 03.5</td><td>PN13.08-02</td></tr> <tr><td>DOWTY DEF STAN 03.8</td><td>PN13.12</td></tr> <tr><td>DOWTY DTD 939</td><td>PN13.12-01</td></tr> <tr><td>DOWTY PS 100-1</td><td>PN13.12-02</td></tr> <tr><td>DOWTY PS 100-2</td><td>PN13.12-03</td></tr> <tr><td>DOWTY PS 100-3</td><td>PN13.14</td></tr> <tr><td>DOWTY PS 100-4</td><td>PN13.15</td></tr> <tr><td>DOWTY PS 100-5</td><td>PN13.18</td></tr> <tr><td>DOWTY PS 100-7</td><td>PN13.19</td></tr> <tr><td>DOWTY PS 101</td><td>PN14.08-01</td></tr> <tr><td>DOWTY PS 106</td><td>PN14.08-02</td></tr> </table>	AMS2400	P101	AMS2402	P106	AMS2404	P115	AMS2405	P12	AMS2406	P142	AMS2408	P145	AMS2409	P158	AMS2410	P195	AMS2411	P224	AMS2412	P225	AMS2416*	P63	AMS2418	P66	AMS2419	P67	AMS2422	P71	AMS2438	P72	AMS2481	P76	CP41.08-03-01	PN13.03	DEF STAN 03-9	PN13.06	DOD-P-16232	PN13.06-01	DOWTY DEF STAN 03.20	PN13.08	DOWTY DEF STAN 03.5	PN13.08-02	DOWTY DEF STAN 03.8	PN13.12	DOWTY DTD 939	PN13.12-01	DOWTY PS 100-1	PN13.12-02	DOWTY PS 100-2	PN13.12-03	DOWTY PS 100-3	PN13.14	DOWTY PS 100-4	PN13.15	DOWTY PS 100-5	PN13.18	DOWTY PS 100-7	PN13.19	DOWTY PS 101	PN14.08-01	DOWTY PS 106	PN14.08-02
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CAD	C COMPLIANCE CERTIFICATION-OPERATIONAL SPECIAL PROCESSES SUCH AS, BUT NOT LIMITED TO, HEAT TREATMENT; FUSION AND RESISTANCE; CLEAN ROOMS; BRAZING: TORCH, FURNACE, DIP AND INDUCTION; SOLDERING: HAND FLOW, AND DIP; PLATING; ELECTRO AND ELECTROLESS; COATINGS: CHEMICAL FILM, ANODIC, DRY FILM LUBRICANT CERAMIC AND METALLIC; INSPECTION: RADIOGRAPHIC, MAGNETIC, DYE AND FLUORESCENT PENETRANT, ULTRASONIC AND EDDY CURRENT; AND FOUNDRIES: FORGING AND CASTING. CERTIFICATION SHOULD STATE SPECIFICATION BY NUMBER, DEFINE OPERATION PERFORMED, DEFINE IF SAMPLE PROVIDED WITH HARDWARE, DEFINE PART NUMBER AND PURCHASE ORDER.	
CAE	TEST DATA IS REQUIRED BY DESIGN SPECIFICATION AND/OR A NOTE APPEARING ON THE DRAWING. THIS DATA IS TO BE SENT WITH EACH UNIT SHIPPED. THE SHIPPER/PACKING SLIP IS TO NOTE THAT TEST DATA IS ENCLOSED.	
CAF	RAW MATERIAL CERTIFICATION (INCLUDING THE QUANTITATIVE VALUES) IS REQUIRED. A COPY OF THE CERTIFICATION IS TO BE SENT WITH EACH SHIPMENT OF HARDWARE.	

CAI	<p>THE SUPPLIER SHALL FURNISH WITH EACH SHIPMENT THREE COPIES OF A REPORT OF THE RESULTS OF TESTS FOR COMPOSITION AND TECHNICAL REQUIREMENTS LISTED BELOW FOR EACH HEAT NUMBER IN THE SHIPMENT. ONE COPY MUST BE ATTACHED TO THE PACKING LIST AND ACCOMPANY THE SHIPMENT. TWO COPIES OF THE MATERIAL CERTIFICATION SHALL BE MAILED TO THE RAW MATERIAL BUYER AT THE PURCHASING ADDRESS. THIS REPORT SHALL INCLUDE THE PURCHASE ORDER NUMBER, ACTUAL TEST RESULTS, WHERE REQUIRED, THE HEAT NUMBER, MATERIAL SPECIFICATION NUMBER, QUANTITY FROM EACH HEAT.</p>
CAJ	<p>THE SUPPLIER SHALL FURNISH WITH EACH SHIPMENT ONE (1) COPY OF A REPORT WITH THE RESULTS OF TESTS FOR COMPOSITION AND TECHNICAL REQUIREMENTS LISTED BELOW FOR EACH HEAT NUMBER IN THE SHIPMENT. THIS COPY MUST BE ATTACHED TO THE PACKING LIST AND ACCOMPANY THE SHIPMENT. THIS REPORT SHALL INCLUDE THE PURCHASE ORDER NUMBER AND ACTUAL TEST RESULTS WHERE REQUIRED THE REPORT SHALL ALSO CONTAIN THE HEAT NUMBER, MATERIAL SPECIFICATION NUMBER WITH IT LATEST REVISION LETTER, THE SIZE AND QUANTITY FROM EACH HEAT, AND THE IDENTIFICATION OF THE MILL SOURCE, IF NOT THE SAME AS THE DISTRIBUTION POINT. COPIES OF THE MILL TEST REPORTS ARE PREFERRED. * INDICATE THE ITEMS FOR WHICH CERTIFICATION OF CONFORMANCE IS ACCEPTABLE PER THIS PURCHASE ORDER</p>
CAK	<p>THE SUPPLIER OF THIS PRODUCT SHALL FURNISH WITH EACH SHIPMENT, THREE COPIES OF A REPORT OF THE RESULTS OF TESTS FOR COMPOSITION AND TECHNICAL REQUIREMENTS LISTED BELOW. ONE COPY MUST BE ATTACHED TO THE PACKING LIST AND ACCOMPANY THE SHIPMENT. TWO COPIES OF THE MATERIAL CERTIFICATIONS SHALL BE MAILED TO THE RAW MATERIAL BUYER AT THE PURCHASING ADDRESS. THIS REPORT SHALL CONTAIN THE PURCHASE ORDER NUMBER, MATERIAL SPECIFICATION NUMBER & LATEST REVISION LETTER, AND THE IDENTIFICATION OF THE MILL SOURCE IF NOT THE SAME AS THE DISTRIBUTION POINT. COPIES OF THE MILL TEST REPORTS ARE PREFERRED. * INDICATES THE ITEMS FOR CERTIFICATION OF CONFORMANCE.</p>
CBA	<p>DOCUMENTATION MUST BE TRANSMITTED WITH EACH SHIPMENT TO PROVIDE THE MATERIAL COMPOUND IDENTITY, BATCH NUMBER AND THE CURE DATE OR DATE OF MANUFACTURE. THE CURE DATE OR DATE OF MANUFACTURE MUST APPEAR ON EACH</p>

<p>CBB</p>	<p>THE PRODUCT SUPPLIED ON THIS PURCHASE ORDER IS DEFINED AS AGE SENSITIVE ELASTOMERIC MATERIAL. EACH SHIPMENT SHALL CONTAIN A CERTIFICATION WHICH CONTAINS, AS A MINIMUM, THE FOLLOWING INFORMATION: 1)PURCHASE ORDER NUMBER 2)PART NUMBER 3)QUANTITY 4)COMPOUND IDENTITY 5)BATCH NUMBER 6)CURE DATE THE CURE DATE MUST BE MARKED ON EACH PACKAGE OR CARTON (I.E. 1Q01 INDICATES A CURE DATE IN THE FIRST QUARTER OF CALENDAR YEAR 2001). THE PRODUCT SHALL BE SHIPPED IN CLEAN PACKAGING MATERIAL WITH NO PRESERVATIVES APPLIED TO THE RUBBER MATERIALS. CARE MUST BE EXERCISED IN PACKAGING AND SUBSEQUENT HANDLING TO AVOID FOLDING, COMPRESSING, OR PERFORMING COILING TECHNIQUES RESULTING IN COLD-CREASE EFFECTS.</p>
<p>CBD</p>	<p>SUPPLIER SHALL RETAIN ON FILE THE ACTUAL CHEMICAL & PHYSICAL MATERIAL ANALYSIS OF ALL METALLIC RAW MATERIAL. ACTUAL VALUES ARE REQUIRED. RANGE VALUES ARE UNACCEPTABLE. (ALUMINUM IS INCLUDED) MATERIAL IDENTIFICATION SHALL BE MAINTAINED TO HEAT, LOT, OR MELT NUMBER AND SHALL BE VERIFIED BY USBI AT HAMILTON SUNDSTRAND RECEIVING INSPECTION. MILITARY STANDARD HARDWARE IS EXCLUDED. COPIES OF ALL METALLIC CERTS, TRACEABLE TO THE PARTS. MUST BE SUBMITTED WITH EACH SHIPMENT.</p>
<p>CBF</p>	<p>SCRAP CONTROL SCRAP HARDWARE & RAW MATERIALS SHALL BE CONTROLLED AS SPECIFIED IN MSFC-STD-1241. DATED SEPT. 4,1985. NOTE: THE SUPPLIERS PROCEDURES SHALL MEET THE INTENT OF MSFC-STD-1241.</p>
<p>CCA</p>	<p>1DEPT W/C OPER NAME 1 1500 881 010 DOCK-1 1 1565 202 020 LAB-I DATE 1 1AGE-CONTROL STICKER OR ACCEPT 1P.O. TRACEABILITY AS A REJECT 1MINIMUM IF NOT AGE QTY 1CONTROLLED. 1 1PRINT AND APPLY AGE CONTROL OR TRACEABILITY 1STICKERS TO EACH CONTAINER (CAN, TUBE, ETC.) 1USING INFORMATION SUPPLIED BY RECEIVING INSP. 1 1VERIFY AGE-CONTROL OR TRACEABILITY STICKERS 1PLACED ON EACH CONTAINER.DATE</p>

	<p>1 ACCEPT _____</p> <p>1</p> <p>1 FORWARD TO ORIGINATOR LISTED ON RECEIVER</p>
CCB	<p>1 DEPT 1 W/C OPER NAME</p> <p>1551 882 10 DOCK-6</p> <p>1</p> <p>1663 202 20 LAB-1 DATE _____</p> <p>1 AGE-CONTROL STICKER OR ACCEPT _____</p> <p>1 P.O. TRACEABILITY AS A MINIMUM REJECT _____</p> <p>1 IF NOT AGE CONTROLLED. QTY</p> <p>1 SCRAPPED _____</p> <p>1595 281 30 PACK</p> <p>1</p> <p>1 PRINT AND APPLY AGE-CONTROL OR TRACEABILITY</p> <p>1 STICKERS TO EACH CONTAINER (CAN, TUBE, ETC.)</p> <p>1 USING INFORMATION SUPPLIED BY RECEIVING INSP.</p> <p>1</p> <p>1567 239 40 PACK-INSP-6</p> <p>1 VERIFY AGE-CONTROL OR TRACEABILITY</p> <p>1 STICKERS PLACED ON EACH CONTAINER. DATE _____</p> <p>1 ACCEPT _____</p> <p>1 FORWARD TO ORIGINATOR LISTED ON RECEIVER</p>
CCE	<p>P ACKAGING AND MARKING REQUIREMENTS PER PN43.01 IS A REQUIREMENT ON THIS ORDER. PARTS SUPPLIED TO HAMILTON SUNDSTRAND SHALL BE HEAT SEALED IN HIGH DENSITY POLYETHYLENE BAGS AND MARKED WITH THE PART NUMBER, REVISION LETTER, LOT NUMBER, AND THE WORDS: CAUTION: PARTS ARE SENSITIVE TO MOISTURE ABSORPTION AND MUST BE PROPERLY PROTECTED PRIOR TO USAGE.</p>
CD4	<p>GROUND SUPPORT EQUIPMENT TOOLING</p> <p>THE FOLLOWING REQUIREMENTS ARE IMPOSED ON EACH ARTICLE/ASSEMBLY AS SPECIFIED ON THIS ORDER:</p> <p>100% DIMENSIONAL INSPECTION DOCUMENTED ON GE FORM QC-251 IS TO BE PROVIDED WITH EACH ARTICLE/ASSEMBLY, AND A COPY RETAINED ON FILE FOR A MINIMUM OF 5 (FIVE) YEARS.</p> <p>DOCUMENTED VERIFICATION OF ALL PRINT NOTES IS TO BE PROVIDED WITH EACH ARTICLE/ASSEMBLY.</p> <p>IN ADDITION TO PRINT REQUIREMENTS, EACH ARTICLE/ASSEMBLY IS TO BE IDENTIFIED WITH A TEMPORARY IDENTIFICATION (TAG OR PACKAGE AND MARK PER SUNDSTRAND PN17.50 METHOD 8 OR 9) WHICH INCLUDES A SUPPLIER GENERATED SERIAL NUMBER THAT IS TRACEABLE TO RECORDS REQUIRED IN 1 AND 2 ABOVE AND THE ASSOCIATED PURCHASE ORDER NUMBER.</p>
CE5	<p>ACTUAL HARDNESS SAMPLE REQUIRED.</p>

CFS	<p>***** FLIGHT SAFETY PARTS *****</p> <p>THIS PURCHASE ORDER CONTAINS REQUIREMENTS WHICH ARE DESIGNATED FLIGHT SAFETY PARTS (FSP). SUPPLIERS, AND APPLICABLE SUB-TIER SUPPLIERS, MUST MANUFACTURE, PROCESS AND INSPECT THESE PARTS IN ACCORDANCE WITH HAMILTON SUNDSTRAND'S SPECIFICATION, HS15000, TITLED "FLIGHT SAFETY PARTS,REQUIREMENTS FOR" WHICH INCLUDES REQUIREMENTS FOR FROZEN PROCESSES AND 100% INSPECTION OF ALL FLIGHT SAFETY CHARACTERISTICS.</p>
CF9	HEAT TREAT RESPONSE NOT LESS THAN 63 ROCKWELL
CG4	SAMPLE CASTING FROM EACH MELT SHALL BE SUBMITTED FOR METALLURGICAL EVALUATION.
CG6	TENSILE AT 1400 DEGREES FARENHEIT
CK2	<p>THE CERTIFICATION OF COMPLIANCE MUST INCLUDE THE FOLLOWING DATA:</p> <ol style="list-style-type: none"> 1. TRACEABILITY TO DOW CORNING 2. WS8111 WITH APPROPRIATE REVISION LETTER 3. DOW CORNING's LOT NUMBER 4. DOW CORNING'S DATE OF MANUFACTURE 5. DOW CORNING'S DATE OF SHIPMENT 6. IF REPACKAGED, THE DATE OF REPACKAGING 7. CUSTOMER PURCHASE ORDER NUMBER <p>NOTE: THE CONTAINER LABEL SHOULD ALSO CARRY, BUT NOT BE LIMITED TO, THE ABOVE DATA.</p>
CK3	<p>THE CERTIFICATION OF COMPLIANCE MUST INCLUDE THE FOLLOWING DATA:</p> <ol style="list-style-type: none"> 1. TRACEABILITY TO DOW CORNING 2. WS6776 WITH APPROPRIATE REVISION LETTER 3. CATALYST LOT NUMBER 4. RTV BASE LOT NUMBER 5. DATE OF MANUFACTURE OF CATALYST 6. DATE OF MANUFACTURE OF RTV BASE 7. DATE OF SHIPMENT FOR THE KIT 8. CUSTOMER PURCHASE ORDER NUMBER
CP2	<p>IF HAMILTON SUNDSTRAND PN05.17, ELECTRON BEAM WELDING IS A REQUIREMENT ON THIS ORDER. BUYER SHALL SUBMIT FORM 6356 TO THE QUALITY SPECIAL PROCESS GROUP PRIOR TO P.O. ISSUANCE. BUYER SHALL ALSO COMPLY WITH ALL REQUIREMENTS (I.E., WELD SCHEDULES/SAMPLES) AS OUTLINED BY THE QUALITY SPECIAL PROCESSES GROUP.</p>
CQ1	<p>THE PART IDENTIFIED ON THIS PURCHASE ORDER MUST BE MANUFACTURED BY OR PROCURED FROM SPS TECHNOLOGIES, JENKIN TOWN PA,; UNBRAKO, CLEVELAND OH; DRIV-LOK, SYCAMORE IL; WESTERN WIRE, ST. LOUIS MO; WESTERN SERVICE, SANTA ANA CA; OR PRECISE PRODUCTS, PARAMUS NJ;</p> <p>THE PACKING SLIP MUST REFERENCE THE PARTS RECEIVED FROM ANY OTHER MANUFACTURER WILL BE REJECTED AND RETURNED.</p> <p>REVISED 11/27/95 GR</p>

CQ2	<p>***** FIXED PROCESS REQUIRED *****</p> <p>THE MATERIAL SUPPLIED ON THIS ORDER MUST BE PRODUCED WITH A DOCUMENTED, FIXED PROCESS. THE SUPPLIER SHALL FURNISH SUNDSTRAND WITH A COPY OF THE PROCESS FOR APPROVAL. AFTER APPROVAL, ANY CHANGES TO THE PROCESS WILL REQUIRE NEW APPROVAL BY HAMILTON SUNDSTRAND PRIOR TO IMPLEMENTATION. THIS SHALL BE CONSIDERED SUPPLIER PROPRIETARY INFORMATION.</p> <p>*****</p>
C1B	<p>SUPPLIED ON THIS PURCHASE ORDER SHALL BE</p>
C1D	<p>PER MIL-STD-1535 THIS IS A GROUP II PURCHASE. THE SUPPLIER HAS NO ADDITIONAL ACTIONS BECAUSE OF THIS DESIGNATION.</p> <p>***NOTE***</p> <p>IF STANDARD PARAGRAPH QAE APPEARS ON THIS PO STANDARD PARAGRAPH QAE TAKES PRECEDENCE!</p>
C1E	<p>PLEASE BE ADVISED THAT SUNDSTRAND QUALITY ASSURANCE REQUIRES THAT YOU USE THE SMALL LOT SAMPLING PLAN FOR EACH PART NUMBER TO BE SHIPPED. USE OF A MIL-P-50884 SPECIFIC CHECKLIST IS REQUIRED IN FINAL INSPECTION OF SUNDSTRAND PRODUCT. A COPY OF THIS CHECKLIST IS AVAILABLE UPON REQUEST. AT THE TIME OF SHIPMENT, THE SUPPLIER WILL BE REQUIRED TO SUPPLY THE FOLLOWING ITEMS TO SUNDSTRAND:</p> <ol style="list-style-type: none"> 1. SUPPLIER FINAL INSPECTION MOUNTS 2. COPY OF COMPLETED MIL-P-50884 CHECKLIST 3. CERTIFICATE OF COMPLIANCE 4. FULL SET OF SERIALIZED COUPONS <p>THE SUPPLIERS FINAL INSPECTION MOUNTS WILL BE RETURNED IF REQUIRED, AFTER SUNDSTRAND Q.A. REVIEW.</p>
C1J	<p>1THE SUPPLIER SHALL SEND SEPARATELY, ACTUAL 1HARDNESS DATA ACQUIRED PER PARAGRAPH 4.4.3 1OF PN 13.21.01 TO THE FOLLOWING ADDRESS.</p> <p>1 HAMILTON SUNDSTRAND 1 4747 HARRISON AVENUE 1 P.O. BOX 7002 1 ROCKFORD IL 61125-7002 1 ATTN: WALT HUMY 267-6</p>

<p>C2A</p>	<p>REVISED SEPTEMBER 2004 THE HARDWARE ON THIS RFQ/P.O. INCLUDES DETAIL PARTS WHICH ARE MANUFACTURED/SUPPLIED BY EITHER YOUR FACILITY OR HAMILTON SUNDSTRAND. COMPLIANCE TO ALL SPECIFICATIONS AND DRAWING REVISION LETTERS OF THE DETAIL PART DRAWINGS ARE REQUIRED. AN ADDENDUM SHEET ENTITLED WILL BE SUPPLIED WITH THE PURCHASE ORDER. THIS SHEET IS DESIGNED TO LIST THE DETAIL PART NUMBERS AND THEIR MANUFACTURED REVISION LETTERS CONTAINED IN THE FINISHED ASSEMBLY. THE SUPPLIER WILL BE REQUIRED TO COMPLETE THIS SHEET FOR ANY PURCHASE ORDER WITH THE THE SUPPLIER WILL LIST ALL DETAIL PARTS WHETHER SUPPLIED BY SUNDSTRAND OR BY THE SUPPLIER. THE REVISION LETTER OF THE DETAIL PARTS SUPPLIED BY SUNDSTRAND CAN BE FOUND NEXT TO THE PART NUMBER ON THE HAMILTON SUNDSTRAND MATERIAL ORDER (MSO). NOTE: STANDARD PARTS SUCH AS AM, NAS, JANTX, MS HARDWARE, CASTINGS/FORGINGS DO NOT HAVE TO BE SHOWN ON THIS LIST. A COPY OF THE DATA SHEET SHALL ACCOMPANY EACH SHIPMENT AGAINST A SPOT PURCHASE ORDER OR LONG TERM AGREEMENT AS PART OF THE SHIPPER AND CERTIFICATION PACKAGE. THE SUPPLIER SHALL MAINTAIN A COPY OF THE DATA SHEET AT THEIR FACILITY FOR EACH PROCUREMENT ELECTRONIC REPLENISHMENT KANBAN (PERK) RELEASE. PURCHASE ORDER DIRECTION REGARDING SPECIAL PROCESS/NON-DESTRUCTIVE TESTING SUPPLIERS IS APPLICABLE TO THE END ITEM AS WELL AS THE DETAIL PARTS. CERTIFICATIONS FOR SPECIAL PROCESS/NON- DESTRUCTIVE TESTS FOR DETAIL PARTS SHALL BE</p>
<p>C2Z</p>	<p>1CERTIFICATE OF LABORATORY ANALYSIS, SHOWING 1ACTUAL TEST VALUES AND STATING THAT THE 1MATERIAL SUPPLIED MEETS THE REQUIREMENTS OF 1THE SPECIFICATION AND REVISION LETTER TO 1WHICH IT WAS ORDERED, SHALL ACCOMPANY THE 1SHIPMENT. 1 1(DO NOT REVISE OR DELETE THIS PARAGRAPH 1WITHOUT APPROVAL FROM MATERIALS LAB)</p>
<p>C28</p>	<p>* HEAT TREAT RESPONSE SHALL BE NOT LESS THAN</p>

<p>C3A</p>	<p>REVISED SEPTEMBER 2004 *** PRODUCT CERTIFICATION STATEMENT *** WHEN PRODUCT IS SHIPPED ON THIS PURCHASE ORDER THE PACKING SLIP WILL SERVE AS CERTIFICATION AND MUST CONTAIN THE FOLLOWING INFORMATION: 1) MUST BE IDENTIFIED WITH COMPANY NAME, PURCHASE ORDER NUMBER, HAMILTON SUNDSTRAND PART NUMBER AND REVISION LETTER. 2) BATCH/LOT NUMBERS, SHELF LIFE AND CURE DATE MUST BE IDENTIFIED, IF APPLICABLE. 3) SERIAL NUMBERS SHALL BE LISTED WHEN THE PURCHASE ORDER OR ENGINEERING DRAWING REQUIRES SERIALIZATION. 4) FOR SOURCE CONTROLLED HARDWARE THE MANUFACTURERS NAME AND PART NUMBER MUST BE REFERENCED ON THE PACKING SLIP. 5) AN ACTUAL CERTIFICATION STATEMENT SHALL BE KEPT ON FILE AT YOUR FACILITY AND BE AVAILABLE TO HAMILTON SUNDSTRAND UPON REQUEST. AN ELECTRONIC SOURCE INSPECTION RECORD (ESIR) CREATED IN eSILK IS AN ACCEPTABLE CERTIFICATION *** NOTICE *** WHEN PARAGRAPH C3A AND CAC BOTH APPEAR ON THE PURCHASE ORDER, CAC TAKES PRECEDENCE. *** N O T I C E *** STANDARD HARDWARE PROCURED PER MILITARY SPECIFICATIONS SHALL BE MANUFACTURED BY QPL SOURCES.</p>
<p>C3P</p>	<p>CERTIFICATION OF CHEMICAL AND PHYSICAL PROPERTIES REQUIRED. SUPPLIER SHALL FURNISH THREE (3) COPIES OF MATERIAL CERTIFICATIONS: ONE COPY TO BE SENT WITH SHIPMENT, TWO COPIES TO BE SENT TO THE ATTENTION OF THE HAMILTON SUNDSTRAND BUYER AS APPLICABLE.</p>
<p>C3R</p>	<p>SUNDSTRAND RECOGNIZES THAT SEATON-WILSON IS NOW KNOWN AS WHITTAKER CONTROLS. PRODUCTION PROCESSING AND PRODUCT DELIVERY REQUIREMENTS PREVIOUSLY DISCLOSED TO AND AGREED UPON BY LMSC AND SUNDSTRAND IN LMSC VRIC #180382 APPLY TO THE PURCHASE ORDER. NOTE: LMSC CONCURS THAT ALL HARDWARE WHICH IS MANUFACTURED/DELIVERED IN SUPPORT OF THE SUBJECT PO REQUIREMENTS TO THE GUIDELINES OUTLINED BY THIS VRIC AND PRIOR FACILITIES/PROCESSING WILL BE CONSIDERED TO BE FROM A 'QUALIFIED' D5 SUPPLIER (WHITTAKER CONTROLS INC FOR SEATON-WILSON DIVISION OF BEI ELECTRONICS).</p>

C4A	1EACH CONTAINER SHALL BE MARKED WITH THE 1BATCH OR LOT NUMBER, DATE OF MANUFACTURE (DOM) 1OR DATE OR SHIPMENT FROM MANUFACTURER (DOSM). 1 1(DO NOT REVISE OR DELETE THIS PARAGRAPH 1WITHOUT APPROVAL FROM MATERIALS LAB)
C4C	1***** CERTIFICATION REQUIREMENTS ***** 1 1EACH REPAIRED PART MUST BE RETURNED WITH AN 1ATTACHED SERVICABLE TAG FROM A FEDERAL 1AVIATION ADMINISTRATION (FAA) APPROVED 1REPAIR STATION.
C44	* CERTIFICATION OF CONFORMANCE TO MATERIAL SPECIFICATIONS.
C5A	1STATING THAT THE MATERIAL SUPPLIED MEETS THE 1REQUIREMENTS OF THE SPECIFICATION AND 1REVISION LETTER TO WHICH IT WAS ORDERED, 1SHALL ACCOMPANY THE SHIPMENT. 1 1(DO NOT REVISE OR DELETE THIS PARAGRAPH 1WITHOUT APPROVAL FROM MATERIALS LAB)
C5B	1PACKING SLIP SHALL INCLUDE PURCHASE ORDER 1LOT NUMBER, DATE OF MANUFACTURE (DOM) OR 1DATE OF SHIPMENT FROM MANUFACTURER (DOSM), 1AND QUANTITY BEING SHIPPED. 1 1(DO NOT REVISE OR DELETE THIS PARAGRAPH 1WITHOUT APPROVAL FROM MATERIALS LAB)
C52	SUPPLIER NOTICE!!! SHIPMENT IN 12 FOOT RANDOM BAR/BARS LENGTHS PREFERRED.
C6A	1 ***** TRACEABILITY ***** 1EACH ASSEMBLY AND ALL COMPONENTS CONTAINED 1WITHIN IT SHALL BE TRACEABLE TO EACH SHOP 1ROUTING, INSPECTION, TEST DATA, HEAT LOT, AND 1SPECIAL PROCESS RECORD BACK TO THE RAW 1MATERIAL LOT CERTIFICATIONS. THESE RECORDS 1ARE TO BE MAINTAINED AT YOUR FACILILTY FOR 1SUNDSTRAND ON-SITE REVIEW OR DELIVERED TO 1SUNDSTRAND UPON REQUEST. NOTE: TRACEABILITY 1IS NOT REQUIRED FOR STANDARD OFF-THE-SHELF 1PARTS, E.G. MS, NAS FASTENERS, ETC.
C68	* 100% X-RAY REQUIRED. EVALUATE TO MIL-C-6021 GRADE C.
C7A	1 **** TRACEABILITY **** 1EACH PRODUCTION LOT SHALL BE TRACEABLE TO 1EACH SHOP ROUTING, INSPECTION, TEST DATA, 1HEAT, LOT, AND SPECIAL PROCESS RECORD BACK 1TO THE RAW MATERIAL LOT CERTIFICATIONS. 1THESE RECORDS ARE TO BE MAINTAINED AT YOUR 1FACILITY FOR HAMILTON SUNDSTRAND ON-SITE 1REVIEW OR DELIVERED TO HAMILTON SUNDSTRAND UPON REQUEST

C73	ALL TECHNICAL REQUIREMENTS OF THIS SPECIFICATION NOT LISTED.
C8A	1A CHEMICAL AND PHYSICAL ANALYSIS REPORT IS 1REQUIRED FOR EACH LOT PRODUCED. THE LOT 1NUMBER OR ANALYSIS NUMBER MUST BE RECORDED 1ON EACH CONTAINER. ANALYSIS RECORDS ARE TO 1BE MAINTAINED AT YOUR FACILITY FOR HAMILTON 1SUNDSTRAND ON-SITE REVIEW OR DELIVERED TO 1HAMILTON SUNDSTRAND UPON REQUEST.
C81	1PRODUCT TO BE STORED BELOW 60 DEG F SHALL BE 1SHIPPED IN REFRIGERATED CONTAINER OR PACKED 1IN DRY ICE. SHIPPING CONTAINERS MUST BE 1CLEARLY MARKED TO ALERT RECEIVING TO THE 1FOR EXPEDITED HANDLING AND SPECIAL STORAGE.
C82	1EACH CONTAINER SHALL BE MARKED WITH THE 1AND BATCH OR LOT NUMBER.
C83	***** STANDARD HARDWARE SUPPLIERS ***** HAMILTON SUNDSTRAND WILL NO LONGER ACCEPT FASTENERS MADE BY THE FOREIGN AND DOMESTIC MANUFACTURERS LISTED BELOW: ASAHI MFG KOSAKA KOGYD NIPPON FASTENER TAKAI LTD HINOMOTO METAL FASTENER CO OF JAPAN MINAMIDA SIEYBO KYOEI MFG MINATO MFG MINATO KOGYO JINN HER MC HAFFIE ALL FASTENERS RECEIVED FROM ANY OF THE ABOVE MANUFACTURERS WILL BE REJECTED AND RETURNED.
C85	THIS PURCHASE ORDER IS BEING PLACED IN ANTICIPATION OF BEING USED AS A CREDIT FOR POTENTIAL INDIRECT/DIRECT OFFSET IN PARTIAL FULFILLMENT OF HAMILTON SUNDSTRAND CONTRACTUAL COMMITMENTS ON ITS F16 PROGRAM.
C9A	1PACKING SLIP SHALL INCLUDE PURCHASE ORDER 1OR LOT NUMBER AND QUANTITY BEING SHIPPED.
C9F	1***** ROUTING ***** 1DEPT W/C OPER NAME 1896 882 004 DOCK 10 1 1526 210 006 REC-INSP-10 1REFER QAI 07-03-002-56 FOR SHELF REQUIREMENTS 1 1AGE-CONTROL STICKER OR DATE _____ 1P.O. TRACEABILITY AS A ACCEPT _____ 1MINIMUM IF NOT AGE-CONTROLLED. QTY 1 1 SCRAPPED _____ 1 1515 216 999 STOCK-10

<p>C9H</p>	<p>1***** ROUTING ***** 1DEPT W/C OPER NAME 1 1648 800 020 DOCK-PHX 1 1643 355 030 REC-I 1 1643 310 040 LAB 1 1643 355 050 REC-I 1 1656 600 999 STOCK 1 1DATE 1 1INSPECTOR 1</p>
<p>C9L</p>	<p>THE SUPPLIER SHALL SUBMIT A CERTIFICATION OF ANALYSIS SHOWING ACTUAL LABORATORY TEST RESULTS TO THE MIL-I-23053 SPECIFICATION WITH EACH SHIPMENT.</p>
<p>C9M</p>	<p>****ROUTING/MIAMI/WIRE**** DEPT W/C OPER NAME 119 004 020 DOCK/INSP INSP PER QAI 002-17 & 002-01/A14 CERTIFICATION RECEIVED 139 006 040 STOCK RETAIN WITH PACKING SLIP RECORDS</p>
<p>C9P</p>	<p>DEPT W/C OPER PLACE 871 882 010 DOCK-DENVER 065 098 020 REC. INSPECT VERIFY AGE-CONTROL OR TRACEABILITY STICKERS PLACED ON EACH CONTAINER {CAN,TUBE,ETC.} DATE ACCEPT REJECT REF; QAI07-03-002-13/A4 PARA 3.5 & 3.6 DELIVER ACCEPTABLE MATERIAL TO REQUESTER WITH MSDS {IF APPLICABLE}.</p>
<p>C96</p>	<p>===== THE ITEM(S) COVERED BY THIS PURCHASE ORDER MUST BE CERTIFIED BY STANDARDS HAVING TRACEABILITY TO THE NATIONAL INSTITUTE OF STANDARDS AND TECHNOLOGY. A CERTIFICATE MUST BE FURNISHED STATING THE ACCURACY OF THE SUBJECT ITEMS, THE SOURCE PERFORMING THE CALIBRATION, TRACEABILITY OF CALIBRATION TO NIST STANDARDS (OR AN EQUIVALENT INTERNATIONAL STANDARD), DATE OF THE LAST CALIBRATION, TEST OR REPORT</p>

	<p>NUMBERS, BY WHOM CERTIFIED, AND ENVIRONMENTAL BE GIVEN TO HAMILTON SUNDSTRAND OF THE AS FOUND CONDITION OF THIS INSTRUMENT IF IT IS ***** CALIBRATION CERTIFICATION *****</p> <p>YOUR CERTIFICATION SHALL CONTAIN AT A MINIMUM THE FOLLOWING INFORMATION:</p> <ul style="list-style-type: none"> ~ DESCRIPTION OR IDENTIFICATION OF THE ITEM CALIBRATED. ~ DATE CALIBRATED. ~ IDENTIFICATION OF THE CALIBRATION SOURCE. ~ CALIBRATION PROCEDURE USED. ~ CALIBRATION RESULTS. ~ INDIVIDUAL IDENTIFICATION (SERIAL NUMBER) OF THE STANDARD(S) USED.
C97	<p>CERTIFICATION REQUIREMENTS FOR QQ-T-570 CL.06</p> <p>ACTUAL CHEMICAL ANALYSIS</p> <p>HARDNESS</p> <p>MACROSTRUCTURE</p> <p>DECARBURIZATION</p> <p>HEAT TREAT</p> <p>CERTIFICATION REQUIREMENTS FOR MS23.01</p> <p>ACTUAL CHEMICAL ANALYSIS</p> <p>* FRACTURE TEST</p>
C99	<p>PARTIAL DECARBURIZATION IS LIMITED TO 0.003 INCHES PER SURFACE WITH NO TOTAL DECARBURIZATION. CASTING MUST BE CAPABLE OF MEETING ALL PHYSICAL REQUIREMENTS WITH NOTED PARTIAL DECARBURIZATION AFTER FINAL HEAT TREATMENT.</p>
DAA	<p>DDDDDDDDDDDDDDDDDDDD DATA DDDDDDDDDDDDDDDDDDD</p> <p>04/15/98 - NO ENTRIES AT THIS TIME.</p>
EAA	<p>EEEEEEEEEEEEEEEE</p> <p>E E</p> <p>EEEEEEEEEEEEEEEE ENGINEERING EEEEEEEEEEEEE</p> <p>E E</p> <p>EEEEEEEEEEEEEEEE</p>
E1A	<p>TO ASSURE COMPLIANCE WITH THE HAZARD COMMUNICATION STANDARD OSHA 1910.1200 (E)(2) AND (II) AND (III), ALL CONTRACTORS HAVING PERSONNEL ON SITE (OTHER THAN FOR DELIVERIES) WILL BE REQUIRED TO HAVE A SAFETY INFORMATION MEETING WITH HAMILTON SUNDSTRANDS SAFETY OFFICER BEFORE THE SPECIFIED CONTRACT WORK COMMENCES. THIS IS AN ANNUAL REQUIREMENT. PLEASE CONTACT SAFETY OFFICER TO SCHEDULE THIS MEETING.</p>

E11	<p>**MANUFACTURE TO V-22 PROGRAM EPS DRAWINGS** *****</p> <p>LEVEL 1 ENGINEERING DRAWINGS. DO NOT SHIP ANY PRODUCT OR REQUEST SOURCE INSPECTION WITHOUT A FULLY RELEASED SEVEN-DIGIT DRAWING FULL INSPECTION REQUIREMENTS SHALL BE COMPLETED TO THE FINAL RELEASED DRAWING. ANY NONCONFORMANCES RESULTING FROM INSPECTION SHALL BE IDENTIFIED ON A SUPPLIER REQUEST TRANSMITTAL SHEET. DISPOSITION BY SUNDSTRAND POWER SYSTEMS PRIOR TO SHIPMENT IS REQUIRED.</p>
E2E	<p>=====</p> <p>HAZARDOUS MATERIAL - NFPA CODE ___ - ___ - ___ SUPPLIER MUST LABEL, CONTAINERIZE, HANDLE, AND TRANSPORT MATERIALS IN ACCORDANCE WITH ALL APPLICABLE REQUIREMENTS OF THE HAZARDOUS MATERIALS TRANSPORTATION ACT. ALL WARNINGS AND HANDLING INSTRUCTIONS WHICH ARE REQUIRED OR APPROPRIATE SHALL BE MARKED ON THE CONTAINER AND PACKING SLIP. A MATERIAL SAFETY DATA SHEET (MSDS) SHALL BE INCLUDED WITH THE SHIPMENT. ALL HAZARDOUS MATERIAL MUST BE DELIVERED INDICATED IN THE PURCHASE ORDER PRIOR TO TO 3:00PM MONDAY THROUGH FRIDAY.</p>
E6M	<p>1NOTE: CONFIGURATIONS ARE CONTROLLED THROUGH 1REPAIR CENTER MODIFICATION SHEETS. E/P 1REVISIONS NOTED IN THE PURCHASE ORDER ARE 1LATEST DRAWING REVISION. PIECE PART REVISION 1CONTROL IS NOT REQUIRED.</p>
E6O	<p>NON-DESTRUCTIVE TEST PROCESSES AND SOURCES ARE FROZEN. SUBMIT FOR HAMILTON SUNDSTRAND REVIEW AND RETENTION.</p>
E7A	<p>SELLER SHALL BE FULLY COMPETENT IN ALL PHASES OF THE WORK INVOLVED IN PRODUCING AND SUPPORTING THE PRODUCTS PURCHASED HEREUNDER, INCLUDING BUT NOT LIMITED TO THE DESIGNING, TESTING, DEVELOPING, MANUFACTURING, IMPROVING, OVERHAULING AND SERVICING OF SUCH PRODUCTS. SELLER AGREES THAT BUYER IS ENTITLED TO HAVE RELIED UPON SELLER AS AN EXPERT AND SELLER WILL NOT DENY ANY RESPONSIBILITY OF OBLIGATION HEREUNDER TO BUYER ON THE GROUNDS THAT BUYER PROVIDED RECOMMENDATIONS OR ASSISTANCE IN ANY PHASE OF THE WORK INVOLVED IN PRODUCING OR SUPPORTING THE PRODUCTS, INCLUDING BUT NOT LIMITED TO THE SPECIFICATIONS. TEST DATA OR THE PRODUCTS.</p>
FAA	<p>FFFFFFFFFFFFFFFFFFFF F F SPEC REQUIREMENTS F F FFFFFFFFFFFFFFFFFF</p>
F1A	<p>PACKAGE PER LISTED MIL SPEC LEVEL A.</p>

<p>F1B</p>	<p>WHEREVER SPECIFICATIONS MIL-P-13949 OR MIL-S-13949 ARE REFERENCED ON DRAWINGS, SPECIFICATION IPC-4101 SHALL BE SUBSTITUTED IN LIEU THEREOF. SUPPLIER SHALL CERTIFY MATERIAL USED IN MANUFACTURING IS IN COMPLIANCE TO IPC-4101. DEVIATION #562 AUTHORIZES USE OF IPC-4101.</p>
<p>GAA</p>	<p>G G SCRAP ACCOUNTABILITY G G GGGGGGGGGGGGGGGGGGGGGGGGGGGGGG</p>
<p>G13</p>	<p>===== THIS IS A RATED ORDER AS INDICATED FOR NATIONAL DEFENSE REQUIRING YOU TO COMPLY WITH DPAS REGULATION 15 CFR PART 700. WRITTEN ACCEPTANCE OR REJECTION OF THE ORDER IS REQUIRED WITHIN 10 DAYS IF DX RATED OR 15 DAYS IF DO RATED. =====</p>
<p>G2A</p>	<p>THE QUANTITY OF BUYER FURNISHED MATERIAL AND/OR DETAILED PIECE PARTS SPECIFIED ELSEWHERE INCLUDES AN ADDITIONAL PERCENTAGE WHICH HAS BEEN DETERMINED TO BE AN ACCEPTABLE SCRAP RATE ALLOWANCE.</p>
<p>G3A</p>	<p>NOTWITHSTANDING CLAUSES CONTAINED IN EITHER THE COMMERCIAL OR US GOVERNMENT TERMS AND CONDITIONS. THE QUANTITY OF BUYER FURNISHED MATERIAL AND/OR DETAILED PIECE PARTS INCLUDES AN ADDITIONAL PERCENTAGE DETERMINED BY THE BUYER TO BE AN ACCEPTABLE SCRAP RATE ALLOWANCE. SELLER SHALL COMPENSATE BUYER FOR ALL DAMAGED OR SCRAPPED MATERIAL EXCLUDING THE ACCEPTABLE SCRAP RATE. THE ACCEPTABLE SCRAP RATE AND (VALUE OF MATERIAL) SUPPLIED BY BUYER ARE IDENTIFIED ELSEWHERE IN THIS ORDER.</p>
<p>G4A</p>	<p>THIS ORDER REQUIRES SCRAP ACCOUNTABILITY PER SUNDSTRAND PROCEDURE QC6.05(DISPOSITION AND CONTROL OF SCRAP MATERIAL) AND QC6.05, (APP.I) OR (APP.II), SCRAP CONTROL IS REQUIRED AND MUST BE MAINTAINED UNTIL DISPOSITION BY THE CUSTOMER THROUGH THE SUNDSTRAND ASSET ADMINISTRATOR AND THE BUYER.</p>
<p>G5A</p>	<p>ALL SCRAP AGAINST THIS ORDER REQUIRES ACCOUNTABILITY. IT IS THEREFORE REQUIRED THAT ANY SCRAP, WHEN DIRECTED, IS TO BE RETURNED TO SUNDSTRAND. A COPY OF THE NON-CONFORMANCE TAG IS TO BE ATTACHED. DO NOT NOTE PURCHASE ORDER NUMBER ON THE PACKING SLIP ENCLOSED WITH THE SCRAP PARTS. CONTACT BUYER FOR FURTHER INSTRUCTIONS.</p>

G7C	SHOULD ANY SUNDSTRAND SUPPLIED CASTING FOR THIS CONTRACT BE RENDERED USELESS FOR
HAA	HHHHHHHHHHHHHHHHHHHHHHHHHHHHHHHHHHH HHH HHH H PURCHASE ORDER H H REVISION H HHH HHH HHHHHHHHHHHHHHHHHHHHHHHHHHHHHHHHHHH
H11	SELLER IS REQUIRED TO SUPPLY THE APPROPRIATE MATERIAL SAFETY DATA SHEETS (MSDS) AND ANY OTHER REQUIRED INFORMATION PER THE OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION (OSHA) STANDARD, 29 CFR 1910.1200(E)(2)(I) (II)(III). THE PURCHASE ORDER NUMBER IS REQUIRED ON THE SHEETS, TO BE RETURNED ALONG WITH THE PURCHASE ORDER ACKNOWLEDGEMENT FORM TO THE SUNDSTRAND BUYER.
H12	===== * * * IMPORTANT * * * THE ABOVE ARTICLES ARE BEING SUBMITTED FOR CALIBRATION, OR MODIFICATION, AND/OR REPAIR AS INDICATED. IF THE WORK IS NOT COVERED BY A NO CHARGE WARRANTY, ADVISE BUYER PRICE, DELIVERY, AND REPAIR WARRANTY. ALSO, PROVIDE A PRICE BREAKDOWN OF ALL CHARGES OR COPIES OF APPLICABLE FEES AND/OR RATES. ALL CORRESPONDENCE SHOULD BE ADDRESSED TO THE UTILIZE U.P.S. CONSIGNEE BILLING ON ALL U.P.S SHIPMENTS THAT ARE F.O.B. SHIPPING POINT.
H13	DELIVERY DATE(S) ON THIS PURCHASE ORDER REFLECTS CURRENT NEED AT TIME OF PURCHASE ORDER PLACEMENT. ALL DELIVERIES AGAINST THIS PURCHASE ORDER WILL BE IN ACCORDANCE WITH THE MOST RECENT MRP SCHEDULE PRIOR TO DELIVERY. QUESTIONS: PLEASE CONTACT THE BUYER.
H2A	THE SUPPLIES OR SERVICES CALLED FOR BY THIS ORDER ARE NO LONGER REQUIRED AND SHALL NOT BE FURNISHED BY THE SUPPLIER. THEREFORE, BY MUTUAL AGREEMENT, THIS PURCHASE ORDER IS HEREBY CANCELLED AT NO COST OR LIABILITY TO EITHER PARTY.
H2B	***** THIS ORDER IS HEREBY TERMINATED FOR CONVENIENCE. THE REVISED AMOUNT OF THIS ORDER INCLUDES ANY AND ALL SETTLEMENT CLAIMS ON THE PART OF THE SELLER. *****
IAA	 INSTRUCTIONS

IB2	SELLER SHALL NOT ACT ON ANY DIRECTIONS BY HAMILTON SUNDSTRAND PERSONNEL WHICH CHANGES OR OTHERWISE AFFECTS THE TERMS, CONDITIONS, OR SPECIFICATIONS STATED IN THIS PURCHASE ORDER. DIRECTION BY ANYONE OTHER THAN THE BUYER SHALL NOT BE CONSTRUED AS A CHANGE, EXPRESSED OR IMPLIED, UNLESS CONFIRMED IN WRITING BY THE BUYER. SELLER ACTING ON SUCH DIRECTION SHALL DO SO AT THEIR OWN RISK AND ANY COST INCURRED SHALL BE DISALLOWED BY THE BUYER.
IE1	CHEMICAL TREATMENT (CHLORINATED SOLVENTS CAN NOT BE APPLIED TO THE PROCURED MATERIAL)
IE2	ALL MATERIAL ISSUED ON THIS MATERIAL RELEASE ORDER MUST BE PULLED FROM THE SAME MILLING HEAT
IE3	ONE (1) PART ISSUED FOR THIS MATERIAL RELEASE COUNTS AS TWO (2) SEPARATE PARTS.
IE4	REVISION LETTER OF SPECIFICATION MUST BE INCLUDED ON MATERIAL CERTIFICATION.
IE5	36 INCH MAXIMUM LENGTH
IE6	CUT TWO 6 INCH +/-0.050 LENGTH BARS FOR HEAT TREAT TEST BARS. SEND IN WITH EACH MATERIAL RELEASE/SHIPMENT.
IE8	TUBING 2.500 O.D. X 2.000 I.D. +/- 0.012 I.D.
I2A	<p>***** TRANSPORTATION CLAUSE ***** ***** ///// SHIPPING INSTRUCTIONS ///// GENERAL: THESE INSTRUCTIONS SUPPLEMENT THE PURCHASE ORDER AND ESTABLISH THE INSTRUCTIONS FOR DOMESTIC SHIPMENTS UNDER THE TERMS OF THE F.O.B. ORIGIN AS DEFINED HEREIN. ANY SHIPMENTS REQUIRING SPECIAL HANDLING EQUIPMENT WHICH RESULT IN EXCESS COSTS ARE PROHIBITED UNLESS AUTHORIZED BY BUYER (EXAMPLE: PADDED VAN, ETC.) PREMIUM TRANSPORTATION COSTS IN EXCESS OF NORMAL ROUTINGS RESULTING FROM THE AUTHORIZED BY THE BUYER. SHIPMENTS PURCHASED HEREUNDER SHALL BE MADE AS FOLLOWS: WEIGHT SHIP VIA (UPS) UNITED 1 TO 100 LBS PARCEL SERVICE - FREIGHT COLLECT, DO NOT INSURE UNLESS SPECIFIED ON THE PO. OVERBOX WHEN SHIPPING MULTIPLE BOXES ON THE SAME DAY. WEIGHT SHIP VIA 101 TO 1000 LBS MOTOR FREIGHT WEIGHT SHIP VIA DEPARTMENT FOR SPECIFIC</p>

ROUTING INSTRUCTIONS. PLEASE INCLUDE THE WEIGHT, DIMENSIONS, FREIGHT DESCRIPTION OF THE ARTICLES, AND DATA AVAILABLE FOR SHIPMENT.

SHIPMENTS MUST BE ROUTED FREIGHT COLLECT VIA A CARRIER THAT OFFERS A SINGLE LINE SERVICE-INCLUDING PICK-UP AND DELIVERY OR PROVIDES INTERLINE SERVICE AND PROTECTS A THROUGH RATE WITH THE DELIVERING CARRIER. PURCHASE ORDER OR ROUTING LETTER PRESCRIBED ROUTING SHALL BE USED. SELLER RECOMMENDED CHANGES SHOULD BE SUBMITTED TO THE BUYER AND COORDINATED PRIOR TO SHIPMENT. IF APPROVED BY THE BUYER SUCH CHANGES SHALL BE INCORPORATED INTO THE PURCHASE ORDER.

PREPAY AND ADD: YOU WILL BE RESPONSIBLE FOR THE FREIGHT CHARGES INCURRED

COORDINATION: THE ELEMENTS, WHICH HAVE SUCH PECULIAR CHARACTERISTICS THAT SELECTED MODES OR PRECAUTIONARY MEASURES WILL BE REQUIRED TO PERFORM THE TRANSPORTATION MISSION, SHALL BE IDENTIFIED AND COORDINATED WITH THE DESIGNATED SHIPPING POINT) APPEARS ON THE FACE OF THIS PURCHASE ORDER, IT WILL MEAN: PLANTS FROM WHICH THE SUPPLIES ARE TO BE SHIPPED; OR IF THE FACILITIES FOR SHIPMENT F.O.B. MEANS THE POINT OR POINTS NEAREST THERETO THAT CARRIER SERVICE IS AVAILABLE.

PREMIUM TRANSPORTATION: AIR FREIGHT, EXPRESS AIR, AIR FREIGHT FORWARDER, UNITED PARCEL SERVICE AIR, PADDED VAN OR EXCLUSIVE USE OF VEHICLES SHALL NOT BE USED UNLESS SPECIFICALLY AUTHORIZED BY THE BUYER. THE CRITERIA FOR THE SELECTION OF THE CARRIER AND THE MODE OF TRANSPORTATION UTILIZED SHALL BE DICTATED BY THE WEIGHT, SIZE, COMMODITY, AND OTHER FACTORS THAT MAY AFFECT THE RATE. DO NOT INSURE OR DECLARE A VALUE. ORIGINAL AIR BILLS AND WAY BILL RECEIPTS MUST SHOW THE FREIGHT CONSOLIDATION: CONSOLIDATE ALL SHIPMENTS TO BE FORWARDED ON ANY ONE DAY NOT COVERED BY PREMIUM TRANSPORTATION AUTHORIZATION OR A SUPPLEMENTAL ROUTING INSTRUCTION.

BILLS OF LADING: THE SELLER SHALL INSURE THAT ALL MATERIAL SHIPPED IS DESCRIBED ON THE BILLS OF LADING IN COMPLIANCE WITH THE APPLICABLE FREIGHT CLASSIFICATIONS AND TARIFFS IN A MANNER THAT WILL RESULT IN THE LOWEST TRANSPORTATION COSTS.

DECLARED VALUE: DO NOT INSURE OR DECLARE VALUE EXCEPT TO OBTAIN LOWEST RATES WHEN

	<p>BASED ON A RELEASED VALUE. THIRD PARTY BILLING: WHEN DELIVERY OF GOODS ARE TO ANY OTHER PARTY AND SUNDSTRAND IS TO BEAR ALL COSTS AND RISKS. SUNDSTRAND PURCHASE ORDER NUMBER MUST APPEAR ON ALL PACKING SHEETS AND CARRIER BILLS OF LADING, INCLUDING THIRD PARTY BILLS. HAZARDOUS MATERIALS: SHIPMENTS OF HAZARDOUS MATERIALS WILL BE MADE IN COMPLIANCE WITH THE CURRENT ISSUE OF THE CODE OF FEDERAL REGULATIONS, TITLE 49, PARTS 100-199, OR IN-(ICAO) TECHNICAL INSTRUCTIONS FOR THE SAFE TRANSPORT OF DANGEROUS GOODS (CURRENT REV.), AS APPROPRIATE. PRESERVATION, PACKAGING AND PACKING: ITEMS SHALL BE PRESERVED AND PACKAGED TO THE DEGREE OF PROTECTION NECESSARY TO PREVENT DETERIORATION OR DAMAGE DURING SHIPMENT UNDER NORMAL ENVIRONMENTAL CONDITIONS AND COMMERCIAL MODES OF TRANSPORTATION.</p>
I2B	<p>HAMILTON SUNDSTRAND IS ENCOURAGING ALL SHIPMENTS BE ACCOMPANIED WITH A BAR CODE LABEL AFFIXED TO THE PACKING LIST. A SECOND LABEL AFFIXED TO THE PACKAGE OR CONTAINER IS OPTIONAL. IF YOU CANNOT COMPLY AT THIS TIME, WE REQUEST YOU CONTACT THE BUYER TO EXPLAIN THE REASON FOR NON-COMPLIANCE AND TO ADDRESS METHODS OF IMPLEMENTATION. BAR CODE LABEL REQUIREMENTS ARE FOUND IN ANSI MH10.8M - 1983. THIS CODE IS ALSO KNOWN AS USD-3 CODE AND 3 OF 9 CODE (OR CODE 39). BAR CODE INFORMATION SHOULD BE A MINIMUM OF 1/8 INCH FROM THE THE EDGE OF THE LABEL. (LABEL SIZE IS OPTIONAL). AT A MINIMUM THE FOLLOWING INFORMATION SHOULD BE SUBMITTED ON THE BAR CODE LABEL: PART NUMBER - AS LISTED ON THE PO OR RELEASE. INCLUDE DASH NUMBER IDENTIFIER OR CONFIGURATION LETTER. PURCHASE ORDER NUMBER - DO NOT INCLUDE PREFIX (I.E. PA, MA, Y, R, ETC.) OR BUYER CODE SUFFIX (I.E. R1P, 10P, 49S, ETC.). ONLY BAR CODE THE 6 DIGIT PO NUMBER (I.E. 4Y1234, 411234, 2Y1234, 8H1234, ETC.). QUANTITY - THE QUANTITY CONTAINED IN THIS</p>
	<p>SHIPMENT. PACKING LIST NUMBER - THE SUPPLIER ASSIGNED PACKING LIST NUMBER.</p>
I31	SINGLE HEAT ISSUE REQUIRED
I32	CHLORINATED SOLVENTS OR COOLANTS.
I33	THIS RELEASE/ORDER REQUIRES SLUGGING-CUTTING.

I34	TOLERANCING PER AMS 2203 (ALUMINUM ALLOY DRAWN TUBING)
I36	LATROBE IS THE ONLY KNOWN SUPPLIER OF THIS MATERIAL. THEY ARE ABLE TO MEET ALL DESIGNATED STRENGTH REQUIREMENTS PER AMS5845-MP35N-220KSI.
I41	FURNISH IN EITHER COLD FINISH OR HOT-ROLLED ROUGH TURNED CONDITION
I42	10 FOOT LENGTHS ALUMINUM EXTRUSIONS DIE# 14756
I43	HAMILTON SUNDSTRAND SPEC PN16.22 APPLIES
I44	FLAT STOCK - SPECIFIC TOLERANCE 1 1/4 INCH $+ .125 / - .000$ X 3 INCH $+ .25 / - .000$
I45	SUPPLY IN BOXES NOT EXCEEDING 2000 LBS EACH
I46	HEAT TREAT - NORMALIZED
I47	1SPECIAL TOLERANCE $+ .125 / - .000$
I48	SPECIAL BAR MILLED TO .582 INCH $+ / - .020$ THICK X 1.535 INCH $+ / - .031$ WIDTH X 12 FOOT RANDOM LENGTHS
I49	CENTERLESS GROUND
I51	SPECIAL TOLERANCE O.D. MUST BE W/N $+ .006 / - .000$
I52	TANTALUM AMS7848 EXCEPTION TENSILE YIELD STRENGTH AT 2% OFFSET, SHALL BE 60,000 PSI MIN.
I53	4 INCH DIA X 1 FOOT
I54	SPECIAL TOLERANCE 9 INCH DIA. $+ .000 / - .250$
I55	SPECIAL TOLERANCE 2 INCH DIA $+ .120 / - .000$
I56	MINIMUM MECHANICALS TO APPLY 63,000 TENSILE 52,000 YIELD 8% ELONGATION
I57	2.500 DIA. $+ / - .003$
I58	HEAT TREAT TO PN09.4140-HD-3 35-40 RC
I59	HAMILTON SUNDSTRAND SPEC. MS08.03-02 WITH AVERAGE JK RATING OF 2 OR LESS IN ALL CATEGORIES

<p>I61</p>	<p>SPECIAL PROGRAM REQUIREMENTS MANDATE RAW - MATERIAL CERTIFICATION BE MAILED FOR EACH RELEASE TO THE DESIGNEE ASSIGNED BELOW AT THE DESTINED PLANTSITE: SUNDSTRAND SITES ATTN: QUALITY MGR. * ATTN: QUALITY MGR. 2800 DIVISION AVE * 2800 SUNDSTAND WAY YORK, NE. * GRAND JUNCTION, CO. 68467 * 81506 ***** ATTN: QUALITY MGR. * ATTN: QUALITY MGR. 2480 WEST 70TH AVE. * 4747 HARRISON AVE. DENVER, CO * ROCKFORD, IL 80221 * 61125</p>
<p>I62</p>	<p>AMS5640 TYPE 2</p>
<p>JAA</p>	<p>JJJJJJJJJJJJJJJJJJJ J J JJJJJJJJJJJ REQUEST FOR QUOTE JJJJJJJJJJ J J JJJJJJJJJJJJJJJJJJJ</p>
<p>J2D</p>	<p>NOTE: PLEASE ITEMIZE ALL NON-RECURRING ELEMENT COSTS IN DETAIL WITH YOUR RESPONSE TO THIS RFQ.</p>
<p>J2H</p>	<p>PROCURE TOOLING WITH A MAXIMUM OF UNIVERSAL MEAN DEVELOPING A FAMILY OF TOOLS THAT CAN BE USED IN THE AVERAGE SHOP MANUFACTURING THE TYPE OF PARTS AND/OR ASSEMBLIES BEING ORDERED. IT IS REQUESTED THAT WHEN DEVIATIONS ARE REQUIRED FROM THIS GOAL, THEY BE OUTLINED IN SUFFICIENT DETAIL TO MAKE THE BUYER AWARE. THE INDIVIDUAL TOOLING PRICE MUST BE INCLUDED IN THE QUOTATION, AND IS TO BE BASED UPON THE FOLLOWING REQUIREMENTS AS APPLIED TO THE PROPOSED ENGINEERING DESIGN. SEPARATE CHARGES FOR PERISHABLE TOOLING OR STANDARD GAGING. SUCH IS TO BE INCLUDED IN THE TOOL(S)/GAGES(S) QUOTED MUST BE ABLE TO PRODUCE A QUANTITY OF () PIECE PARTS. DESIGN OF TOOLING. PRODUCTION OR PREPRODUCTION. SHALL BE PREDICATED ON THE TOTAL QUANTITY TO BE PRODUCED AND/OR THE TOTAL QUANTITY TO BE DELIVERED PER MONTH. THE SELLER SHALL DEFINE TOOLING AND SUPPLY WITH THE QUOTATION SUBMITTAL. TOOL LIST: THE BIDDER SHALL SUBMIT A DETAILED LIST OF PROPOSED SPECIAL TOOLING. PROPER DESCRIPTION FOR THE TOOLS IS TO BE GIVEN SHOWING THE SUNDSTRAND DRAWING NUMBER FOR WHICH THE TOOL, JIG OR FIXTURE IS REQUIRED. IF ANY TOOL IS FOR USE ONLY AS A SPECIALIZED MACHINE TOOL, THE NAME AND SIZE OR OTHER</p>

	IDENTIFYING DESCRIPTION IS TO BE SPECIFIED THE INDIVIDUAL TOOLING PRICE MUST BE INCLUDED DURING THE LIFE OF THE PRODUCTION PURCHASE ORDER AND AS LONG AS THE TOOL(S) ARE STATIONED AT THE SUPPLIER, EACH TOOL/GAGE IS TO BE MARKED WITH SUNDSTRAND SUPPLIED TOOL IDENTIFICATION TAGS INDICATING SUNDSTRAND OWNERSHIP. THE SUPPLIER WILL BE RESPONSIBLE FOR HANDLING AND STORING OF THE TOOL(S)/ GAGE(S) IN SUCH A MANNER AS TO PREVENT DAMAGE AND, EXCEPT FOR NORMAL WEAR AND TEAR, RETURN SUCH TOOL(S)/GAGE(S) TO THE BUYER IN AS GOOD A CONDITION AS WHEN RECEIVED OR MANUFACTURED.
J2J	THIS REQUIREMENT IS TO BE MANUFACTURED WITH SUNDSTRAND OWNED TOOLING/GAGING AND IS ON LOAN TO THE SUPPLIER. WHEN TOOLING IS REQUESTED TO BE RETURNED, IT MUST BE IN THE CONDITION RECEIVED BY THE SUPPLIER LESS NORMAL WEAR AND TEAR.
J2K	ALL SPECS AS NOTED ON THE DRAWINGS TO APPLY. PLEASE QUOTE TOOLING CHARGES SEPARATELY. ADVISE COMPLETE DESCRIPTION AND LIFE EXPECTANCY OF TOOLING QUOTED. A LAYOUT SAMPLE AND INSPECTION REPORT IS REQUIRED AND SHOULD BE INCLUDED IN YOUR QUOTATION. CASTING UNIT COST TO INCLUDE X-RAY, ZYGLO AND TARGET WHEN REQUIRED. IN ADDITION, A COST BREAKDOWN OF THESE ITEMS IS TO PROVIDED. TEST BAR CHARGES TO BE STATED SEPARATELY. NOTE: PLEASE STATE ANY EXCEPTIONS AND/OR COMMENTS REGARDING PRODUCTION OF THESE CASTINGS.
J3D	BIDDER SHALL BE FULLY COMPLIANT WITH ALL REQUIREMENTS AND INSTRUCTIONS SET FORTH IN THIS REQUEST FOR QUOTE. ANY DEVIATIONS IN BIDDERS RESPONSE SHALL CONSTITUTE A NON-RESPONSIVE BID UNLESS OTHERWISE ACCEPTED IN WRITING BY THE BUYER.
J4D	VALIDITY DATE OF YOUR PROPOSAL SHALL BE 120 DAYS.
KA A	KKKKKKKKKKKKKKKKKKKKKKKK K K KKKKKKKK PRINT SPECIFICATIONS KKKKKKKKK K K KKKKKKKKKKKKKKKKKKKKKKKK
KA2	CAUTION! WHEN SUNDSTRAND DRAWINGS REFLECT INDUSTRY OR MILITARY SPECIFICATIONS FOLLOWED BY SUNDSTRAND SPECIFICATIONS, IN PARENTHESIS, THE SUNDSTRAND SPECIFICATION SHALL TAKE PRECEDENCE OVER THE INDUSTRY/MILITARY SPEC. ALL SPECIAL PROCESSES AND NONDESTRUCTIVE TESTING MUST BE PERFORMED AND CERTIFIED TO THE SUNDSTRAND DOCUMENT.

K1H	ALL PRINT SPECIFICATIONS AND NOTES MUST BE COMPLIED WITH IN THE FULFILLMENT OF THIS REQUIREMENT UNLESS OTHERWISE NOTED.
K2C	CASTINGS SHALL BE PASSIVATED PER PN14.10 PRIOR TO SOLUTION ANNEAL HEAT TREATMENT. A CERTIFICATION STATING THAT THE CASTINGS CONFORMED TO THE REQUIREMENTS OF PN14.10 PRIOR TO SOLUTION ANNEAL HEAT TREATMENT SHALL ACCOMPANY EACH SHIPMENT OF CASTING.
K2D	***** HEAT TREAT REQUIREMENTS ***** SUPPLIER MUST HEAT TREAT PER CP917-4-PH0303 **(H-1000 AGED CONDITION) THIS H-1000 CONDITION MUST BE CERTIFIED ON ALL CERTIFICATIONS.**
K31	FOR MULTILAYER METAL CORE PWB, MULTILAYER PWB AND DOUBLE SIDED PWB, THE FOLLOWING MATERIAL CALLOUT APPLIES: MATERIAL PER MIL-P-13949/4, TYPE GFN: TG 130-170C OR MIL-P-13949/4, TYPE GFG: TG 130-170C.
K4A	USE OF ADVANCE RELEASE (AR) DRAWINGS TO MANUFACTURE HARDWARE SUPPLIER IS AUTHORIZED TO BEGIN WORK PER THE ADVANCED RELEASE (AR) DRAWING AND MUST COMPLY WITH ALL AR DRAWING REQUIREMENTS/ENGR.NOTES. HARDWARE SHALL NOT BE SHIPPED UNTIL THE FOLLOWING HAVE BEEN COMPLETED: 1. A COMPLETE FIRST ARTICLE INSPECTION (FAI) SHALL BE PERFORMED TO THE RELEASED PRODUCTION DRAWING REQUIREMENTS. 2. FAI REPORTS SHALL BE SUBMITTED TO SUNSTRAND AS REQUIRED BY BUYER/PROCUREMENT QUALITY. 3. ALL DISCREPANCIES SHALL BE DOCUMENTED ON SHEET, (FORM #103364A) FOR ENGINEERING (AND/OR MRB) DISPOSITION. 4. SUPPLIER RECEIVES THE ENGINEERING (AND/OR MRB) DISPOSITION OF THE HARDWARE.
K4B	LIMITED ADVANCED RELEASE PARAGRAPH THIS ADVANCED RELEASE PRINT CAN ONLY BE USED FOR SOURCE SELECTION, MATERIALS PROCUREMENT, TOOLING PROCUREMENT, AND INITIAL PROCESSING. NO CHIP CUTTING IS PERMITTED PER THIS PRELIMINARY DRAWING. A SUPERCEDING CHANGE OR DRAWING WILL BE ISSUED TO INTIATE PRODUCTION OF PARTS.

K4C	<p>PO/CONTRACT PARAGRAPH THIS CONTRACT IS TO COVER THREE (3) YEARS OF REQUIREMENTS FOR THE SPECIFIED HARDWARE WITH AN OPTION TO EXTEND FOR COVERAGE OF THE LIFE OF THE PROGRAM. THE CONTRACT EXTENSION WOULD BE FOR ALL ADDITIONAL REQUIREMENTS PROCURED BY SUNDSTRAND. HOWEVER, SUNDSTRAND RESERVES THE RIGHT, AFTER THE INITIAL THREE (3) YEARS, TO MANUFACTURE SOME OR ALL OF THE REQUIREMENTS INTERNALLY AT A SUNDSTRAND FACILITY.</p>
LAA	<p>LLLLLLLLLLLLLLLLL L L LLLLLLLLLLLLLL TRACEABILITY LLLLLLLLLLLLLLL L L LLLLLLLLLLLLLLLLL</p>
L61	<p>STAMP TOOL NUMBER ON ALL LOOSE PARTS.</p>
MAA	<p>MM M M MMMM MULTI-YEAR PROCUREMENT MMMM M M MMMMMMMMMMMMMMMMMMMMMMMMMMMMMMMMMMMMMMM</p>
M9C	<p>THIS ITEM REQUIRES OUR CALIBRATION LAB TO REVIEW BEFORE GOING TO THE REQUESTOR: SEE ROUTING BELOW- 551 882 010 DOCK 771 237 020 CAL LAB</p>
NAA	<p>NNNNNNNNNNNNNNNN N N NNNNNNNNNNNNNN RAW MATERIAL NNNNNNNNNNNNNN N N NNNNNNNNNNNNNNNN</p>
N2C	<p>CASTINGS AGAINST THIS P.O. ARE SPECIFIED AS PSA (PRIOR TO SAMPLE APPROVAL) AS AUTHORIZED BY SUNDSTRAND PQA. UNDER P.S.A. PROCEDURES THE FOUNDRY IS RESPONSIBLE TO CHECK FOR REASONABLE DIMENSION ACCURACY AND SUPPLY METALLURGICALLY SOUND PARTS. ALL P.S.A. CASTINGS ARE REQUIRED TO BE SERIALIZED WITH A SERIAL NUMBER THAT SERIALIZATION SHALL BE APPLIED BY THE MARKING METHOD DEFINED ON THE ENGINEERING DRAWING. SERIAL NUMBERS FOR THE P.S.A CASTINGS MUST BE LISTED ON THE HARDWARE CERTIFICATION AND THE PACKING SLIP. ALSO: THE PACKING SLIP MUST STATE "P.S.A. CASTINGS ENCLOSED."</p>
N2D	<p>A PRELIMINARY HARDWARE REVIEW WILL BE CONDUCTED BY SUNDSTRAND PERSONNEL. THIS REVIEW CAN TAKE PLACE IN THE FOUNDRY OR SUNDSTRAND, PRODUCE THE P.S.A. CASTINGS IS CONTINGENT ON THEIR REVIEW.</p>

N3A	FIRST ARTICLE INSPECTION ACCEPTED PER PQA-205, MS20.01, OR TS6.0 AS APPLICABLE. WHEN CHANGES OR CORRECTIONS ARE MADE TO EXISTING TOOLING, ONLY THOSE AREAS AFFECTED BY THE CHANGE NEED TO BE INSPECTED AND RESULTS RECORDED. THE INSPECTION REPORT IS FACILITY AND MADE AVAILABLE TO SUNDSTRAND ON REQUEST.
N3L	***** FAILURE TO SHIP TEST BARS, DISC, AND CERTIFICATION WITH PARTS WILL DELAY PAYMENT *****
N3Q	MATERIAL SHALL BE UNIFORM IN QUALITY AND CONDITION, CLEAN, SOUND, FREE FROM FOREIGN MATERIALS, EXTERNAL AND INTERNAL IMPERFECTIONS DETRIMENTAL TO FABRICATIONS OR THE PERFORMANCE OF THE PARTS.
N3R	SUPPLIER TO FURNISH WRITTEN CERTIFICATIONS OF THE PHYSICAL AND CHEMICAL PROPERTIES AS SPECIFIED IN SUNDSTRAND MS20.01
N3T	TEST BARS AND DISCS TO ACCOMPANY EACH SHIPMENT.
N3X	Purchase Order Note Code N3X First Article Inspection (FAI) requirements related to Hamilton Sundstrand's Space, Land & Sea Enterprise. An approved First Article Inspection Report (FAIR) is required to allow for shipment of the product on this purchase order. A copy of the FAIR must be sent to the applicable Hamilton Sundstrand (HS) buyer for review and approval. Once approved, FAIR Form 1 will be returned to the supplier authorizing shipment of the product. If you already have an approved FAIR (per the requirements of ASQR-01* and SAE AS9102**) on file for the product on this purchase order, submit Form 1 to the buyer as verification. * ASQR-01 = Supplier Quality System Requirements ** SAE AS9102 = Aerospace First Article Inspection Requirements In order to assist in FAIR preparation HS has provided... 1. A FAIR tutorial (available on the HS Web Site) These FAI requirements do not apply to procured standard catalog hardware (standard parts) which have not been modified to HS requirements (including MS, NAS, AN, JAN, M, etc...).
N3Y	FIRST ARTICLE INSPECTION REQUIRED FOR CASTINGS AND FORGINGS PER MS20.01 OR TS6.0 AS APPLICABLE.

<p>N92</p>	<p>1. THE QUALITY REQUIREMENTS FOR THIS ORDER IS DEFINED AS ASQR-01, CURRENT REV.</p> <p>2. CASTING PROCUREMENT SHALL BE PER SUNDSTRAND MS20.01.</p> <p>3. ONLY SUNDSTRAND APPROVED CASTING SUPPLIERS USING SUNDSTRAND APPROVED TOOLING SHALL BE USED TO OBTAIN RAW CASTINGS. (THE PURCHASE ORDER WILL INDICATE THE SPECIFIC CASTING SUPPLIERS AVAILABLE FOR USE.)</p> <p>4. THE RAW MATERIAL CASTING SUPPLIER IS RESPONSIBLE FOR THE PERFORMANCE OF ALL REQUIRED NONDESTRUCTIVE TESTING (NDT), DIMENSIONAL, PHYSICAL, AND CHEMICAL ANALYSES, AND SHALL PROVIDE WRITTEN CERTIFICATION OF THE SAME.</p> <p>5. THE SUPPLIER SHALL ESTABLISH AND ACCEPTANCE INSPECTION PLAN TO VERIFY THE INTEGRITY OF THE RAW CASTINGS UPON RECEIPT. ACCEPTANCE INSPECTION SHALL INCLUDE, BUT IS NOT LIMITED TO, VISUAL INSPECTION FOR SUBSURFACE DEFECTS, WORKMANSHIP, MARKINGS, IDENTIFICATIONS, DIMENSIONAL CONFORMANCE, NDT EVALUATION, CHEMICAL/PHYSICAL OVERCHECKS, AND REVIEW OF THE REQUIRED INSPECTION AND CERTIFICATION DOCUMENTATION.</p> <p>A) IF A COSMETIC OR OTHER SURFACE TYPE DEFECT IS FOUND ON AN ARTICLE IN AN AREA THAT IS DETERMINED TO BE REMOVED BY SUBSEQUENT MACHINING OPERATIONS, THE ARTICLE MAY BE CONSIDERED ACCEPTABLE IF THE MANUFACTURING PLAN PROVIDES FOR AN ADDITIONAL INSPECTION SUBSEQUENT TO THE DEFECT REMOVAL.</p> <p>B) IF THE DEFECT IS DETERMINED TO BE SUBSURFACE (AS DETERMINED BY NDT OR METALLURGICAL ANALYSIS TO CONTAIN UNDESIREABLE MATERIAL STRUCTURE REQUIRING REHEAT TREATMENT) THE ARTICLE MAY NOT BE ACCEPTED UNTIL ONE OF THE FOLLOWING REQUIREMENTS HAVE BEEN MET.</p> <p>1. REJECTED AND REPROCESSED (E.G. HEAT TREATED) IN THE RAW STATE WITH SUNDSTRAND QUALITY ASSURANCE ENGINEERING APPROVAL AND WITH SUBSEQUENT REVERIFICATION THAT CONFORMANCE TO SPECIFICATIONS HAS BEEN ACHIEVED.</p> <p>2. THE SUBSEQUENT MANUFACTURING PLAN IS AMENDED TO INCLUDE OPERATIONS TO REVERIFY THE SUBSURFACE DEFECTS HAVE BEEN REMOVED BY SUBSEQUENT MACHINING OR PROCESSING.</p> <p>3. ACCEPTANCE THROUGH SUNDSTRAND MATERIAL REVIEW BOARD (MRB).</p> <p>6. EACH RAW CASTING MATERIAL CERTIFICATION SHALL BE REVIEWED TO ASSURE THAT THE SUPPLIER TEST RESULTS ARE COMPLETE AND WITHIN SPECIFICATION. THE CERTIFICATION SHALL INDICATE REVIEW AND APPROVAL.</p>
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A) REVIEW EACH CERTIFICATION TO DETERMINE COMPLIANCE OF CHEMICAL AND PHYSICAL RESULTS TO THE APPROPRIATE MATERIAL SPECIFICATION.

B) RADIOGRAPHS SHALL BE FILED BY PART NUMBER IDENTIFICATION AND FILED WITH THE RADIOGRAPHS.

7. THE CASTING SHALL BE UNIFORM IN QUALITY AND CONDITION, CLEAN, SOUND, FREE FROM FOREIGN MATERIALS, EXTERNAL AND INTERNAL IMPERFECTIONS DETRIMENTAL TO FABRICATIONS OR THE PERFORMANCE OF THE PARTS.

8. THE SUPPLIER SHALL RECEIVE ALL RAW CASTING SAMPLES, RADIOGRAPHS, PACKING LISTS, AND CERTIFICATIONS FROM THE RAW MATERIAL CASTING SUPPLIER AND PROVIDE FOR VERIFICATION OF THEIR RECEIPT, DISPOSITION, AND MAINTENANCE. NOTE: DO NOT DISCARD EXCESS TEST SPECIMENS UNTIL A FAVORABLE LAB REPORT IS RECEIVED FROM THE METALLURGICAL LAB VERIFYING THE CHEMICAL AND PHYSICAL REQUIREMENTS. IN THE EVENT OF A REJECTION, THE EXCESS TEST SPECIMENS SHALL BE RETAINED UNTIL A FINAL DISPOSITION FROM SUNDSTRAND MRB HAS BEEN RECEIVED.

9. ALL REJECTABLE CASTINGS SHALL BE CONTROLLED BY A REJECT TAG AND HELD FOR SUNDSTRAND MRB DISPOSITION.

10. THE RESULTS OF ALL RECEIVING INSPECTION DEFICIENCIES CITED SHALL REQUIRE A WRITTEN REPORT OF CORRECTIVE ACTION TAKEN.

11. ALL RECORDS PERTAINING TO THE RECEIPT, MANUFACTURE, AND INSPECTION OF THE CASTINGS SHALL BE FILED FOR REVIEW AND SHALL NOT BE DESTROYED WITHOUT PRIOR APPROVAL FROM SUNDSTRAND QUALITY ASSURANCE.

12. THE SUPPLIER SHALL ESTABLISH A SYSTEM OF TRACEABILITY FOR EACH LOT OF CASTINGS THROUGH THE MANUFACTURING CYCLE TO THE ORIGINAL CHEMICAL AND PHYSICAL CERTIFICATIONS.

13. THE SUPPLIER SHALL FURNISH TO SUNDSTRAND COPIES OF THE CHEMICAL AND PHYSICAL CERTIFICATIONS WITH EACH SHIPMENT OF HARDWARE. THE CERTIFICATIONS SHALL ACCOMPANY THE HARDWARE.

14. THE HARDWARE MAY BE SUBJECT TO INSPECTION BY SUNDSTRAND QUALITY ASSURANCE AT ANY TIME DURING THE MANUFACTURING CYCLE. THE SUPPLIER WITHOUT ADDITIONAL COST, SHALL PROVIDE ALL REASONABLE FACILITIES AND ASSISTANCE FOR THE SAFETY AND CONVENIENCE OF SUCH INSPECTORS. AT THE TIME OF SUCH INSPECTIONS, THE SUPPLIER SHALL MAKE AVAILABLE TO THE INSPECTORS, COPIES OF ALL DRAWINGS, SPECIFICATIONS, AND PACKAGING DATA APPLICABLE TO THE HARDWARE ORDERED HEREUNDER. SUCH INSPECTION SHALL BE DEEMED AS PRELIMINARY ONLY AND ALL HARDWARE

	<p>ORDERED HEREUNDER SHALL BE SUBJECT TO FINAL INSPECTION AND ACCEPTANCE AT SUNDSTRAND.</p> <p>15. A CHANGE CONTROL SYSTEM SHALL BE ESTABLISHED TO EFFECTIVELY TRACK AND IMPLEMENT ENGINEERING DRAWING CHANGES TO THE HARDWARE.</p> <p>16. IF THE HARDWARE IS TO EVENTUALLY BE SOLD TO MCDONNELL DOUGLAS, ALL NONDESTRUCTIVE TESTING PERFORMED ON THE HARDWARE OF THIS PURCHASE ORDER MUST COMPLY TO BOTH SUNDSTRAND AND MCDONNELL DOUGLAS SPECIFICATIONS. THE SOURCES UTILIZED FOR NONDESTRUCTIVE MUST BE APPROVED FOR BOTH THE MCDONNELL DOUGLAS AND SUNDSTRAND SPECIFICATIONS. THE SUPPLIERS CERTIFICATION MUST LIST BOTH SPECIFICATIONS AND THE IDENTITY OF THE FACILITY PERFORMING THE NONDESTRUCTIVE TEST.</p> <p>17. THE RECEIVING ACCEPTANCE INSPECTION PLAN SHALL BE SUBMITTED TO SUNDSTRAND QUALITY ASSURANCE FOR REVIEWS. RESPONSIBILITY FOR RECEIVING RAW CASTINGS SHALL OCCUR ONLY AFTER WRITTEN APPROVAL IS GRANTED FROM SUNDSTRAND QUALITY ASSURANCE. SUNDSTRAND RESERVES THE RIGHT TO REQUEST CHANGES TO THE PLAN AT ANY TIME DURING THE MANUFACTURING CYCLE WHERE DEEMED NECESSARY.</p>
<p>PAA</p>	<p>PPPPPPPPPPPPPPPPPPPPPPPPPPPPPP P P PPPPPPP GOVERNMENT REQUIREMENTS PPPPPPPPP P P PPPPPPPPPPPPPPPPPPPPPPPPPPPPPP</p>
<p>PV3</p>	<p>GOVERNMENT SOURCE INSPECTION IN NO WAY RELIEVES SELLER FROM SUNDSTRAND SOURCE INSPECTION WHEN REQUIRED, SUNDSTRAND IN-HOUSE RECEIVING INSPECTION CYCLE OR ANY OTHER REQUIREMENTS OF THIS PURCHASE ORDER.</p>
<p>P11</p>	<p>NOTICE SECTION 611: THE UNITED STATES CLEAN AIR ACT. IF THE PRODUCT BEING IMPORTED CONTAINS OR IS MANUFACTURED WITH OZONE DEPLETING CHEMICALS REQUIRED, IN ADDITION TO EXISTING LABELING REQUIREMENTS ON THE PACKAGE. ***** (ININSERT NAME OF EACH SUBSTANCE) A SUBSTANCE WHICH HARMS PUBLIC HEALTH AND ENVIRONMENT BY DESTROYING OZONE</p>
<p>P52</p>	<p>THE SUPPLIER RECEIVING THIS ORDER OR LETTER CONTRACT, AS APPROPRIATE, IS SUBJECT TO THE COST ACCOUNTING STANDARDS CLAUSE OR TO THE DISCLOSURE AND CONSISTANCY OF COST ACCOUNTING PRACTICES CLAUSE AND SHALL COMPLY WITH THE REQUIREMENTS STATED THEREIN.</p>

<p>QAA</p>	<p>QQQQQQQQQQ Q Q QQQQQQQQQQQQQQQ QUALITY QQQQQQQQQQQQQQQQQ Q Q QQQQQQQQQQQ</p>
<p>QAD</p>	<p>IMPORTANT: 100% INSPECTON OF LOAD REQUIRED ON THIS ORDER.</p>
<p>QAE</p>	<p>PARAGRAPH REVISED 01/17/91 ***** IMPORTANT NOTICE ***** GROUP I PURCHASE THIS P.O. DOES NOT INVOKE ANY MIL-STD-1535 REQUIREMENTS TO FIRST-TIER OR SUB-TIER SUPPLIERS.</p>
<p>QAG</p>	<p>THE ACCEPTANCE TEST PROCEDURE USED TO ACCEPT THE FIRST PRODUCTION UNIT SHALL BE WITNESSED BY A HAMILTON SUNDSTRAND REPRESENTATIVE AT</p>
<p>QAH</p>	<p>REVISED 1/95 !!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!! THE NDT TECHNIQUE/JOB INSTRUCTION SHEET MUST BE REVIEWED AND APPROVED BY A HAMILTON SUNDSTRAND LEVEL III. !!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!! ALL NON-DESTRUCTIVE TESTING PERFORMED ON THE COMPONENTS ON THIS PURCHASE ORDER MUST COMPLY TO BOTH SUNDSTRAND AND MCAIR SPECIFICATIONS (I.E. CP & PS SPECS). THE SOURCES UTILIZED FOR NDT MUST BE APPROVED FOR BOTH THE MCAIR AND SUNDSTRAND SPECIFICATIONS. THE SUPPLIERS CERTIFICATION MUST LIST BOTH SPECIFICATIONS AND THE IDENTITY OF THE FACILITY PERFORMING THE NON-DESTRUCTIVE TESTS THE APPLICABLE SPECIFICATIONS ARE AS FOLLOWS: SPEC TITLE MAGNETIC PARTICLE CP16.04-03 PS 21201 PENETRANT CP16.03-03 PS 21202 RADIOGRAPHIC CP16.01-04 PS 21206 ULTRASONIC CP16.06-02 PS 21211 U.T. OF GEARS CP16.06-01-02 PS 21211 1NOTE: IF PREPENETRANT ETCH IS REQUIRED BY 1PN 15.43 PRIOR TO PENETRANT INSPECTION, PER 1CP16.03-03, THE SUPPLIER PERFORMING THE 1PREPENETRANT ETCH MUST BE APPROVED BY MCAIR 1AND SUNDSTRAND. THE CERTIFICATION, HOWEVER, 1WILL REFLECT THE SUNDSTRAND SPEC. PN 15.43 1ONLY, AS THERE IS NO COMPARABLE MCAIR SPEC. <u>STANDARD HARDWARE (MS,NAS,AN ETC.) IS EXEMPT.</u></p>

QAJ	ATP DATA IS TO BE PROVIDED WITH EACH UNIT. AS A MINIMUM, THE DATA SHALL INCLUDE THE TEST REQUIREMENTS NOTED ON THE DRAWING AND/OR THE DESIGN SPECIFICATION (IF APPLICABLE). THE TEST DATA SHEET MUST BE APPROVED BY A HAMILTON SUNDSTRAND PROGRAM ENGINEER PRIOR TO THE SHIPMENT OF THE FIRST PRODUCTION HARDWARE ALL SUBSEQUENT REVISIONS ALSO REQUIRE THE APPROVAL OF A HAMILTON SUNDSTRAND PROGRAM ENGINEER.
QAM	WHEN SUNDSTRAND STANDARD QC13.02 OR CQ13.02-01 OR CQ13.02-03 ARE SPECIFIED ON THE SUNDSTRAND DRAWING, THE 'QC' OR 'CQ' SHALL TAKE PRECEDENCE OVER PQA-001 AND PQA-002.
QAN	HAMILTON SUNDSTRAND RESERVES THE RIGHT TO HAVE A REPRESENTATIVE PRESENT TO WITNESS ANY OF THE QUALIFICATION TESTING PERFORMED AT YOUR FACILITY. NOTIFY THE HAMILTON SUNDSTRAND BUYER FIVE DAYS PRIOR TO THE TIME ANY QUALIFICATION TEST IS SCHEDULED TO BEGIN.
QAR	REQUIRED. PART NUMBER AND REVISION IDENTITY IS REQUIRED USING THE MARKING METHOD NOTED ON THE DRAWING.
QAS	1IF YOUR FACILITY IS A PRATT & WHITNEY SQR 1COVERED OA A QAS SUPPLIER, PWA SOURCE INSPEC- 1TION IS REQUESTED ON THIS PURCHASE ORDER.
QA1	THE HARDWARE SHIPMENT IS TO BE ACCOMPANIED WITH MAGNETIC CURVES.

<p>QA2</p>	<p>IN ACCORDANCE WITH USBI REQUIREMENTS FOR PROCURED CRITICAL 1 AND 1R HARDWARE/ITEMS WHICH ARE MADE UP OF SUBPARTS, AN ACCEPTANCE DATA PACKAGE IS REQUIRED TO BE SHIPPED WITH THE HARDWARE. SUPPLIER FORMAT IS ACCEPTABLE AND WILL INCLUDE THE FOLLOWING AS A MINIMUM.</p> <p>1. COVER SHEET - GIVES DEFINITION AND IDENTIFICATION OF THE HARDWARE: NOMENCLATURE, SUNDSTRAND P/N AND REVISION LETTER, PURCHASE ORDER NUMBER, SERIAL NO./LOT NO., QUANTITY, ACTIVE APPROVAL/SIGNATURE.</p> <p>2. INDEX - LIST OF REQUIRED DOCUMENTS AND THE SPECIFIC DOCUMENTS INCLUDED IN EACH DATA PACKAGE.</p> <p>2A. AS-BUILT CONFIGURATION RECORD (ABCR) - REQUIRED FOR EACH ASSEMBLY/SUBASSEMBLY BREAKDOWN. THE ABCR CONSISTS OF THE FOLLOWING:</p> <p>HEADING</p> <p>A) SUPPLIER PART NUMBER AND NOMENCLATURE</p> <p>B) REVISION LEVEL</p> <p>C) SUPPLIER TRACKING NUMBER</p> <p>D) SERIAL NUMBER</p> <p>E) HAMILTON SUNDSTRAND PART NUMBER/END ITEM PART NUMBER</p> <p>DETAIL PART LIST</p> <p>A) PART NUMBER AND REVISION</p> <p>B) NOMENCLATURE</p> <p>C) QUANTITY</p> <p>D) SERIAL NUMBER/LOT NUMBER</p> <p>E) MATERIAL REVIEW CONTROL NUMBER, IF APPLICABLE</p> <p>F) SUPPLIER TRACKING NUMBER</p> <p>STANDARD NAS, MIL, MS, AN, ETC. HARDWARE ARE EXCLUDED FROM TRACEABILITY IDENTIFICATION BUT SHALL BE LISTED IN THE ABCR.</p>
	<p>WHEN HAMILTON SUNDSTRAND SUPPLIES HARDWARE THE ABCR SHALL INCLUDE THE HARDWARE AND LIST QUANTITY, PART NO, REVISION, NOMENCLATURE, SERIAL NUMBER/LOT NUMBER, PART ORDER NUMBER, AND IT APPLICABLE, THE MATERIAL REVIEW BOARD CONTROL NUMBER. ABCR INFORMATION FOR HAMILTON SUNDSTRAND FURNISHED HARDWARE SHALL BE AVAILABLE AT THE SUPPLIER PRIOR TO USE.</p> <p>2B TEST DATA SHEETS IF APPLICABLE.</p> <p>2C RAW MATERIAL CERTIFICATIONS FOR CRITICAL 1 AND 1R HARDWARE PER P.O. CODE OR SPECIFIC PART NUMBER PER P.O. CODE.</p> <p>SUBMITTING AN ACCEPTANCE DATA PACKAGE DOES NOT EXCLUDE OTHER PURCHASE ORDER REQUIRED DATA, CERTIFICATION, REPORTS, ETC.</p>
<p>QA5</p>	<p>SPECIAL PACKAGING & LABELING OF PRODUCT IS REQUIRED PER PDS DOCUMENTS.</p>

QBA	IMPORTANT: QUALITY CODE QL01 APPLIES TO THIS ORDER. REFER TO APPENDIX 'THAAD' FOR QUALITY REQUIREMENTS.
QBB	IMPORTANT: QUALITY CODE QL02 APPLIES TO THIS ORDER. REFER TO APPENDIX 'THAAD' FOR QUALITY REQUIREMENTS.
QBC	IMPORTANT: QUALITY CODE QL03 APPLIES TO THIS ORDER. REFER TO APPENDIX 'THAAD' FOR QUALITY REQUIREMENTS.
QBD	IMPORTANT: QUALITY CODE QL04 APPLIES TO THIS ORDER. REFER TO APPENDIX 'THAAD' FOR QUALITY REQUIREMENTS.
QBE	IMPORTANT: QUALITY CODE QL05 APPLIES TO THIS ORDER. REFER TO APPENDIX 'THAAD' FOR QUALITY REQUIREMENTS.
QBF	IMPORTANT: QUALITY CODE QL06 APPLIES TO THIS ORDER. REFER TO APPENDIX 'THAAD' FOR QUALITY REQUIREMENTS.
QBG	IMPORTANT: QUALITY CODE QL07 APPLIES TO THIS ORDER. REFER TO APPENDIX 'THAAD' FOR QUALITY REQUIREMENTS.
QBH	IMPORTANT: QUALITY CODE QL08 APPLIES TO THIS ORDER. REFER TO APPENDIX 'THAAD' FOR QUALITY REQUIREMENTS.
QBJ	IMPORTANT: QUALITY CODE QL09 APPLIES TO THIS ORDER. REFER TO APPENDIX 'THAAD' FOR QUALITY REQUIREMENTS.
QBK	IMPORTANT: QUALITY CODE QL10 APPLIES TO THIS ORDER. REFER TO APPENDIX 'THAAD' FOR QUALITY REQUIREMENTS.
QBL	IMPORTANT: QUALITY CODE QL11 APPLIES TO THIS ORDER. REFER TO APPENDIX 'THAAD' FOR QUALITY REQUIREMENTS.
QBM	IMPORTANT: QUALITY CODE QL12 APPLIES TO THIS ORDER. REFER TO APPENDIX 'THAAD' FOR QUALITY REQUIREMENTS.
QBN	IMPORTANT: QUALITY CODE QL13 APPLIES TO THIS ORDER. REFER TO APPENDIX 'THAAD' FOR QUALITY REQUIREMENTS.
QBP	IMPORTANT: QUALITY CODE QL14 APPLIES TO THIS ORDER. REFER TO APPENDIX 'THAAD' FOR QUALITY REQUIREMENTS.
QBQ	IMPORTANT: QUALITY CODE QL15 APPLIES TO THIS ORDER. REFER TO APPENDIX 'THAAD' FOR QUALITY REQUIREMENTS.
QBR	IMPORTANT: QUALITY CODE QL16 APPLIES TO THIS ORDER. REFER TO APPENDIX 'THAAD' FOR QUALITY REQUIREMENTS.

QBT	IMPORTANT: QUALITY CODE QL17 APPLIES TO THIS ORDER. REFER TO APPENDIX 'THAAD' FOR QUALITY REQUIREMENTS.
QBU	IMPORTANT: QUALITY CODE QL18 APPLIES TO THIS ORDER. REFER TO APPENDIX 'THAAD' FOR QUALITY REQUIREMENTS.
QBV	IMPORTANT: QUALITY CODE QL19 APPLIES TO THIS ORDER. REFER TO APPENDIX 'THAAD' FOR QUALITY REQUIREMENTS.
QBW	IMPORTANT: QUALITY CODE QL20 APPLIES TO THIS ORDER. REFER TO APPENDIX 'THAAD' FOR QUALITY REQUIREMENTS
QB1	MAGNETIC PARTICLE INSPECTION SHALL BE PERFORMED PR PS 20.01-01 REV. J, PARAGRAPHS 5.4.3.3, 5.4.3.3.1 AND 5.4.3.3.2. EVALUATE DISCONTINUITIES TO THE ACCEPTANCE CRITERIA OF FF-S-86D PARAGRAPHS 3.7.1, 3.7.1.1, 3.7.2 AND 3.7.3. CERTIFICATION OF THE MAGNETIC PARTICLE INSPECTION IS TO ACCOMPANY THE HARDWARE.
QB2	THE REQUIREMENTS OF PQA-205 ARE IMPOSED ON THIS PURCHASE ORDER
QB3	<p>REVISED 12/22/92 PRE PRODUCTION SAMPLE(S) AND PROCEDURE REQUIRED THE FOLLOWING SPECIFICATIONS AND CLASSES REQUIRE A PREPRODUCTION SAMPLE AND PROCESSING PROCEDURE TO BE SUBMITTED PRIOR TO PRODUCTION OF COMPONENTS: CP/PN 05.15 CLASS A WELDMENTS CP/PN 05.17 CLASS I&II WELDMENTS CP/PN 05.33 CLASS A WELDMENTS CP/PN 05.41 CLASS A,B&C BRAZE AND SOLDER CP/PN 05.48 CLASS I&II WELDMENTS CP/PN 07.40 CLASS B EDM CP/PN 07.41 CLASS A & B ECM THE SUPPLIER IS RESPONSIBLE FOR THE TESTING REQUIRED. THE RESULTS OF THE TESTING SHALL BE FORWARDED TO SUNDSTRAND ALONG WITH ANY MOUNTS LAB REPORTS ,ETC. IF REQUESTED, THE MOUNTS SHALL BE RETURNED. THE ONLY EXCEPTION TO THIS REQUIREMENT IS WHEN THE SPECIFICATION OR THE MATERIALS LAB SHALL PERFORM THE LAB CHECKS. PRODUCTION WORK SHOULD NOT BEGIN UNTIL SUNDSTRAND APPROVAL HAS BEEN RECEIVED. ONCE APPROVED, THE PROCEDURE IS FROZEN. REVISIONS MUST RECEIVE SUNDSTRAND APPROVAL PRIOR TO THEIR INCORPORATION.</p>
QB4	<p>WITH EACH SHIPMENT THE SUPPLIER SHALL FURNISH A TRACEABILITY LIST THAT INCLUDES THE FOLLOWING INFORMATION FOR EACH TUBE ASSEMBLY BY SERIAL NUMBER: 1. THE HAMILTON SUNDSTRAND QC RELEASE NUMBER OF THE AMS 537 TUBE STOCK 2. THE HEAT NUMBER OF THE AMS 5796 WELD FILLER METAL. P/N 5903408 AND 5903409 FLANGES.</p>

<p>QB5</p>	<p>NOTE - REVISION LETTERS AND AMENDMENT NUMBERS FOR O.D. AND W.S. DOCUMENTS LISTED IN THIS PURCHASE ORDERS SPECIFICATIONS ARE SHOWN AS FOLLOWS - EXAMPLE NC (NO CHANGE REVISION), A (REVISION A), NCI (NO CHANGE REVISION,</p>
<p>QB7</p>	<p>PN16.03-04, PENETRANT INSPECTION OF PLASTIC PARTS, APPLIES TO THIS ORDER AND SHALL BE USED IN LIEU OF PN 16.03. THE CLASS OF MATERIAL QUALITY SPECIFIED ON THE ENGINEERING PRINT SHALL BE EVALUATED IN ACCORDANCE WITH TABLE I OF PN16.03-04.</p>
<p>QB8</p>	<p>1THIS REQUIREMENT APPLIES ONLY TO 1SHIPPED TO OUR CUSTOMERS. 1 1THIS DOES NOT APPLY TO PIECE PARTS. 1 1SUPPLIER SHALL APPLY AN ACCEPTANCE STAMP ON 1THE DELIVERABLE HARDWARE NAMEPLATE OR 1ADJACENT TO THE NAMEPLATE OR NAMEPLATE 1TYPE INFORMATION IF MARKED DIRECTLY ON PART 1TO INDICATE ALL INSPECTION AND TEST 1REQUIREMENTS HAVE BEEN MET. 1 1THE STAMP SHALL BE IN PERMANENT INK. 1 1WHERE THE PRODUCT IS TOO SMALL TO PROVIDE 1POSITIVE IDENTIFICATION, THE PRODUCT SHALL 1BE TAGGED WITH AN ACCEPTANCE STAMP.</p>
<p>QB9</p>	<p>SUPPLIER PROPRIETARY PRODUCT CONTROL - THE PROVISIONS OF DOD-STD-480 SHALL APPLY TO ALL SUPPLIER DESIGNED ITEMS TO BE PROVIDED TO HAMILTON SUNDSTRAND. ALL CHANGES DESIGNATED CLASS I (1.E. MATERIAL, FORM, FIT OR FUNCTION) IN ACCORDANCE WITH DOD-STD-480, MUST BE SUBMITTED TO HAMILTON SUNDSTRAND FOR APPROVAL PRIOR TO INCORPORATION ON DRAWINGS. ALL SUPPLIER DESIGN CHANGES DESIGNATED CLASS II MUST BE SUBMITTED TO HAMILTON SUNDSTRAND FOR CONCURRENCE WITH THE CLASSIFICATION. THE SUPPLIER MAY, AT HIS RISK, IMPLEEMNT CLASS II CHANGES PRIOR TO HAMILTON SUNDSTRAND CONCURRENCE. ANY REVISIONS, REGARDLESS OF CLASSIFICATION, WHICH WILL VIOLATE THE HAMILTON SUNDSTRAND DRAWING MUST BE APPROVED BY HAMILTON SUNDSTRAND BEFORE IMPLEMENTATION.</p>

<p>QCA</p>	<p>*****REFURBISHED PRODUCT*****</p> <p>FAIR WEAR & TEAR CRITERIA FOR EVALUATING MINOR COSMETIC DEFECTS ON REFURBISHED PRODUCT GENERAL- REFURBISHED ASSEMBLIES WILL BE LEFT APPEARANCE. WHEN THE APPLICABILITY OF THIS NOTE WITH RESPECT TO A PARTICULAR DEFECT NEEDS CLARIFICATION, A RESPONSIBLE ENGINEER SHALL MAKE THE DETERMINATION. CONDITIONS WHICH EXCEED THE CRITERIA OF THIS NOTE SHALL BE DISPOSITIONED APPROPRIATELY.</p> <p>MINOR IMPERFECTIONS-NICKS,DINGS,AND SCRATCHES RESULTING FROM NORMAL SERVICE WEAR WHICH DO NOT AFFECT STRUCTURAL INTEGRITY,PERFORMANCE OR FUNCTION SHALL NOT BE CAUSE FOR REJECTION. ANY DAMAGE TO SEALING/MATING SURFACES SHALL REQUIRE REJECTION AND DISPOSITION.</p> <p>EXPOSURE OF BASE METAL- DEFECTS IN COATINGS THAT EXPOSE THE BASE METAL OF NON-MACHINED SURFACES MAY BE TOUCHED UP WITH CHEMICAL FILM (IF ALUMINUM),PRIMER, OR TOPCOAT PER DRAWING REQUIREMENTS.</p> <p>ILLEGIBLE/MISSING MARKINGS- ILLEGIBLE OR MISSING IDENTIFICATION MARKINGS/NOMENCLATURE SHALL BE DOCUMENTED AND REIDENTIFIED PER DRAWING REQUIREMENTS.</p>
<p>QCB</p>	<p>THE FOLLOWING IS APPLICABLE TO THIS PURCHASE ORDER IF TOOLING IS USED AS AN ACCEPTANCE MEDIA OF A CHARACTERISTIC WHICH WILL NOT BE INSPECTED WITH A GAGE OR STANDARD MEASURING EQUIPMENT:</p> <ol style="list-style-type: none"> 1. INSPECTION/CALIBRATION CONTROL SYSTEM PER MIL-STD-45662, NOTICE 3. 2. INSPECTION TO TOOL DRAWING REQUIREMENTS, INITIALLY AND AFTER REWORK, REPAIR OR MODIFICATION. 3. TOOL PROOFING OF ALL NEW, REPLACEMENT OR MODIFIED TOOLING BY QUALITY CONTROL. 4. THE TOTAL TOLERANCE AFFECTING ACCURACY AND PRECISION OF THE TOOL SHALL BE NO GREATER THAN 25% OF THE TOTAL TOLERANCE ALLOWED FOR EACH CHARACTERISTIC OF THE ITEM BEING INSPECTED. <p>A TOLERANCE DEVIATION WILL REQUIRE A DOCUMENTED APPROVAL BY SUNDSTRAND QA PRIOR TO USE OF THE TOOL FOR ACCEPTANCE.</p>
<p>QCC</p>	<p>THE FOLLOWING REQUIREMENT IS APPLICABLE TO ACCEPTANCE INSPECTION/TESTING PERFORMED ON THIS PURCHASE ORDER. THE TOTAL GAGE AND TEST EQUIPMENT TOLERANCE ATTRIBUTED TO ACCURACY AND PRECISION SHALL BE NO GREATER THAN 10% OF THE TOTAL TOLERANCE ALLOWED FOR EACH CHARACTERISTIC OF THE ITEM BEING INSPECTED.</p> <p>A TOLERANCE DEVIATION WILL REQUIRE WRITTEN APPROVAL BY HAMILTON SUNDSTRAND QUALITY ASSURANCE PRIOR TO USE</p>

<p>QCF</p>	<p>PARAGRAPH QCF REVISED 05/19/98. PART OF THIS ORDER. WHEN ORDER PLACEMENT IS FOR STANDARD HARDWARE APPLY TO HARDWARE DRAWINGS WITH A PREFIX EP.</p>
<p>QCG</p>	<p>THE FOLLOWING IS APPLICABLE WHEN TOOLING USED DURING MANUFACTURE IS ALSO USED TO ACCEPT DRAWING CHARACTERISTICS NOT INSPECTED WITH STANDARD MEASURING INSTRUMENTS. HARDWARE MADE TO DRAWINGS WITH A PREFIX EP ARE EXCLUDED FROM THIS REQUIREMENT.</p> <ol style="list-style-type: none"> 1. THIS SPECIAL TOOLING MAY BE A TOOL, JIG, FIXTURES, FIXED GAGES, NUMERICAL CONTROL OR COORDINATE MEASURING MACHINE TAPES/ PROGRAMS, TEST EQUIPMENT AND AUTOMATED TESTING PROGRAMS. 2. THIS SPECIAL TOOLING MUST BE CONTROLLED PER PQA-001 OR PQA-002 CALIBRATION SYSTEM REQUIREMENTS, AS APPLICABLE. THIS REQUIRES INSPECTION TO THE TOOL/GAGE DRAWING OR A PHYSICAL VERIFICATION THAT THE CHARACTERISTICS ACCEPTED FROM THE TOOLING ARE WITHIN THE DRAWING/DESIGN OR TEST SPECIFICATION PARAMETERS. THIS INSPECTION MUST BE PERFORMED BEFORE ACCEPTANCE OF PRODUCT, AND AFTER ANY MODIFICATION, REPAIR OR REWORK. 3. QUALITY CONTROL SHALL PROOF ALL NEW, REPLACEMENT OR MODIFIED TOOLING. THIS PROOFING SHALL CONSIST OF A PHYSICAL OVERCHECK/VERIFICATION OF THE FEATURES/ CHARACTERISTICS BEING GENERATED BY THE TOOLING. 4. THE TOTAL TOLERANCE OF ACCURACY AND REPEATABILITY OF THE TOOL SHALL BE NO GREATER THAN 25% OF THE TOTAL TOLERANCE OF THE CHARACTERISTIC BEING CONTROLLED BY THE TOOL. A TOLERANCE DEVIATION WILL REQUIRE WRITTEN APPROVAL BY SUNDSTRAND QUALITY ASSURANCE PRIOR TO USE.
<p>QCH</p>	<p>THE FOLLOWING REQUIREMENT IS APPLICABLE TO ACCEPTANCE INSPECTIONS/TESTING PERFORMED ON THIS ORDER: THE TOTAL GAGE/TEST EQUIPMENT TOLERANCE ALLOWED FOR ACCURACY/REPEATABILITY SHALL NOT BE GREATER THAN 10% OF THE TOTAL TOLERANCE ALLOWED ON THE CHARACTERISTIC BEING INSPECTED. ANY TOLERANCE DEVIATION REQUIRES DOCUMENTED AUTHORIZATION BY HAMILTON SUNDSTRAND QA PRIOR TO USE OF THE GAGE/ EQUIPMENT HARDWARE MADE TO DRAWINGS WITH A PREFIX EP ARE EXCLUDED FROM THIS REQUIREMENT.</p>

QCL	MATERIAL REPLACEMENT TYPE GF FOR TYPE GE PER MIL-S-13949/4, TYPE GF MAY BE USED IN LIEU OF TYPE GE MATERIAL. EQUIVALENT LATEST REVISION OF MIL-S-13949/4 MATERIAL IS TO BE USED TO PROVIDE THE COPPER TYPE, COPPER FOIL THICKNESS, AND OVERALL MATERIAL THICKNESS SPECIFIED ON THE MASTER DRAWING.
QCM	TEST COUPON THROUGH HOLES PER MIL-STD-275 & MIL-P-55110 AND/OR MIL-P-50884 & MIL-STD-2118 ARE TO BE THE SMALLEST PLATED THROUGH HOLE WHICH HAS A COMPONENT LEAD SOLDER INTO IT.
QCN	Hamilton Sundstrand Appendix PQA-300, dated March 27, 2004, entitled 'Additional Inspection Requirements for Piece-Part Components in First and Second Stage Trident II D5 Gas Hydraulic Assemblies' is applicable and becomes a part of this order. This document identifies engineering drawing dimensions or characteristics that are classified as either "Critical" or "Major" and the associated minimum inspection sampling requirements. A copy of the final inspection data sheets with sample size and the inspection results must remain on file at your facility and be available for Hamilton Sundstrand review.
QCP	<p>THE FOLLOWING PERTAINS TO THE USE OF LOCKHEED MARTIN SUPPLIED DATA LISTS. EFFECTIVE 17 JUNE 1998, THE NAVY FLEET BALLISTIC MISSILE (FBM) PROGRAM OFFICE ELIMINATED THE MAINTENANCE FOR AND PROGRAMMATIC USE OF ALL D5 TRIDENT II "DATA LISTS" (DLs). LOCKHEED MARTIN, THE NAVY, AND HAMILTON SUNDSTRAND WILL NO LONGER PREPARE, MAINTAIN OR PROVIDE "DATA LISTS" TO ANY SUB-TIER SUPPLIERS OF D5 HARDWARE.</p> <p>AS A RESULT OF THE ELIMINATION OF THE D5 "DATA LISTS", IT IS THE SUPPLIERS' RESPONSIBILITY TO ENSURE IT HAS AND IS USING THE LATEST REVISION OF ENGINEERING DRAWINGS, SPECIFICATIONS, AND OTHER DOCUMENTS TO SUPPORT THE MANUFACTURE, PROCUREMENT, INSPECTION AND TEST OF D5 HARDWARE.</p> <p>SUPPLIERS MAY RETAIN AND UTILIZE THEIR LAST AVAILABLE COPIES OF PREVIOUSLY SUPPLIED "DATA LISTS," BUT THESE COPIES MUST BE IDENTIFIED AS "REFERENCE ONLY." IDEALLY EACH PAGE OF THE DL'S WILL BE MARKED.</p> <p>EACH SUPPLIER MUST IMPLEMENT A SYSTEM TO VALIDATE THAT IT IS USING THE LATEST REVISION/ISSUE OF D5 DRAWINGS AND SPECIFICATIONS. TO ACCOMPLISH THIS THE SUPPLIER SHALL PERIODICALLY PROVIDE HAMILTON SUNDSTRAND WITH A REDLINED COPY OF THE DATA LIST (OR SIMILAR FORMAT) STATING THE DOCUMENT REVISIONS IN PLACE AT ITS FACILITY. HAMILTON SUNDSTRAND WILL FORWARD THIS INFORMATION TO LOCKHEED MARTIN FOR VALIDATION AND/OR UPDATE. THE RESULTS ALONG WITH ANY NEW DOCUMENTS WILL BE PASSED BACK TO THE SUPPLIER FOR IMPLEMENTATION. THE CONTENTS OF THE REDLINED DATA LIST SHOULD BE REFERENCED AS APPROPRIATE IN THE SUPPLIER'S PROCESSING OR DOCUMENT CONTROL SYSTEM. IT IS RECOMMENDED THAT THE VALIDATION BE PERFORMED ON AN ANNUAL BASIS.</p>

<p>QCQ</p>	<p>**** NOTIFICATION OF TEST FAILURES **** NOTIFICATION OF ALL FINAL ATP TEST FAILURES MUST BE SUBMITTED TO THE HAMILTON SUNDSTRAND BUYER FOR DISTRIBUTION TO THE D5 QA ENGINEER. EACH NOTIFICATION SHALL BE SUBMITTED WITHIN 15 WORKING DAYS AND SHALL INCLUDE CAUSE AND POSITIVE CORRECTIVE ACTION STATEMENTS NOTIFICATION CAN BE MADE USING SUBMITTED FOR INFORMATION ONLY. FOR CLARIFICATION PURPOSES, A TEST FAILURE IS NONCONFORMANCE TO A NAVY ATP ORDANCE DOCUMENT</p>
<p>QCR</p>	<p>1***** 1 FOR THIS PROCUREMENT. 1*****</p>
<p>QCS</p>	<p>**** NOTIFICATION OF TEST FAILURES **** NOTIFICATION OF ALL FINAL ATP TEST FAILURES MUST BE SUBMITTED TO THE HAMILTON SUNDSTRAND BUYER FOR DISTRIBUTION TO THE D5 QA ENGINEER. EACH NOTIFICATION SHALL BE SUBMITTED WITHIN 15 WORKING DAYS AND SHALL INCLUDE CAUSE AND POSITIVE CORRECTIVE ACTION STATEMENTS NOTIFICATION CAN BE MADE USING THE SUPPLIER'S OWN FORMAT AND IS TO BE SUBMITTED FOR INFORMATION ONLY. FOR CLARIFICATION PURPOSES, A TEST FAILURE IS DEFINED AS "ANY TEST ANOMALY RESULTING IN A NONCONFORMANCE TO A NAVY ATP ORDANCE DOCUMENT SPECIFICIATION."</p>
<p>QDB</p>	<p>SUPPLIER SHALL IDENTIFY EACH PART WITH A SERIAL NUMBER IN ACCORDANCE WITH THE FOLLOWING EXAMPLE. S/N VXX-YZZZ THE DESIGNATION 'S/N' IS FOLLOWED BY A 'V' AND THE LAST TWO DIGITS OF THE SUNDSTRAND PURCHASE ORDER FOR WHICH THE PARTS ARE BEING SUPPLIED. THE S/N PREFIX AND THE ASSOCIATED IDENTIFIER ARE FOLLOWED BY A DASH AND AN ALPHA, REPRESENTING THE FIRST INITIAL OF THE SUPPLIERS NAME AND THEN THE SERIAL NUMBER WHICH IS ASSIGNED AND CONTROLLED BY THE SUPPLIER. THE SERIAL NUMBER ASSIGNED MUST PROVIDE MATERIAL TRACEABILITY PER SUNDSTRAND AEROSPACE SPEC. ESR 0161.THE METHOD USED FOR AFFIXING THE SERIAL NUMBER TO THE PART SHALL CONFORM TO THE ENGINEERING DRAWING IDENTIFICATION REQUIREMENTS. SUPPLIER RECORDS MUST SHOW THAT SERIAL NUMBERS ARE NOT DUPLICATED ON LIKE PARTS. IT IS RECOMMENDED THAT SERIAL NUMBERS BE ISSUED CONSECUTIVELY. PRODUCT THAT HAS BEEN RETURNED SHALL KEEP THE ORIGINAL 'V' NUMBER.</p>

<p>QDD</p>	<p>SUPPLIER SHALL IDENTIFY EACH PRINTED WIRING ASSEMBLY (PWA) AND TOP ASSEMBLY WITH A SERIAL NUMBER IN ACCORDANCE WITH THE FOLLOWING EXAMPLE: S/N VXX-YZZZ AND THE LAST TWO DIGITS OF THE SUNDSTRAND PURCHASE ORDER FOR WHICH THE PARTS ARE BEING SUPPLIED. THE S/N PREFIX AND THE ASSOCIATED IDENTIFIER ARE FOLLOWED BY A DASH AND ALPHA, REPRESENTING THE FIRST INITIAL OF THE SUPPLIERS NAME AND THEN THE SERIAL NUMBER WHICH IS ASSIGNED AND CONTROLLED BY THE SUPPLIER. THE METHOD USED FOR AFFIXING THE SERIAL NUMBER SHALL CONFORM TO THE ENGINEERING DRAWING IDENTIFICATION REQUIREMENTS. IF A GIVEN PWA BOARD DOES NOT HAVE ENOUGH SPACE FOR THE ENTIRE SERIAL BOARD.</p>
<p>QDE</p>	<p>1HAMILTON SUNDSTRAND OWNED MATERIAL PROVIDED THIS ORDER HAS BEEN IDENTIFIED WITH SERIAL NUMBERS FOR THE PURPOSE OF MATERIAL TRACEABILITY PER SUNDSTRAND POWER SYSTEM SPEC. ESR 0161. IN ORDER TO RETAIN THIS IDENTIFICATION, THE SUPPLIER SHALL MAINTAIN IS BEING MACHINED OR PROCESSED. THIS RECORD THE PART, THIS EXACT SERIAL NUMBER(THE CODE NUMBER ASSIGNED TO THE MATERIAL SOURCE AND THE ACTUAL SERIAL NUMBER) MUST BE PERMANENTLY MARKED ON THE PART;METHOD USED SHALL BE IN THE SUPPLIER MUST PERMANENTLY MARK THE PART, METHOD USED SHALL BE IN ACCORDANCE WITH THE ENGINEERING DRAWING REQUIREMENTS, IN ACCORDANCE WITH THE FOLLOWING: S/N VXX WHERE XX IS THE LAST TWO DIGITS OF THE PURCHASE ORDER FOR WHICH THE PARTS ARE BEING SUPPLIED. THIS IDENTIFICATION IS APPLIED JUST BELOW THE ORIGINAL IDENTIFICATION ON THE PART. EX.S/N VXX-YZZZ (ORIGINAL IDENTIFICATION) VXX (SUPPLIER IDENTIFICATION)</p>
<p>QDF</p>	<p>1SUPPLIER SHALL FURNISH ONE (1) COPY OF FORM 1QA-221 (OR EQUIVALENT CERTIFICATION OF 1CONFORMANCE) WITH EACH SHIPMENT ON THIS ORDER 1INDICATING THE TURBINE WHEEL BLADES FROM 1WHICH MATERIAL HAS BEEN REMOVED DURING 1BALANCING.</p>
<p>QDH</p>	<p>1SUPPLIER SHALL INDIVIDUALLY PACKAGE EACH ITEM 1ON THIS ORDER IN KRAFT PAPER ENVELOPES. 1THE OUTSIDE OF EACH PACKAGE SHALL BE 1IDENTIFIED WITH THE PART NUMBER (PART 1NUMBER ORDERED BY HAMILTON SUNDSTRAND), 1COMPOUND SPECIFICATION.</p>

<p>QDK</p>	<p>1THE SUPPLIER SHALL PROVIDE A WRITTEN FAILURE ANALYSIS REPORT WITHIN FIFTEEN (15) DAYS AFTER RECEIPT OF THE FAILED PRODUCT. THE REPORT SHALL DESCRIBE THE FAILURE MODE, DISCUSS THE FAULT-ISOLATION PROCESS, AND IDENTIFY THE ROOT CASUE OF THE FAILURE. (INCLUDE COLOR PHOTOS, SKETCHES, AND/OR DRAWINGS, WHEN APPLICABLE). THE ACTIONS TAKEN TO CORRECT THE CAUSE OF FAILURE AND PREVENT THE RECURRENCE OF THE FAILURE MODE SHALL BE PROVIDED. THE FAILURE ANALYSIS REPORT SHALL PROVIDE TRACEABILITY TO THE ASSOCIATED PURCHASE ORDER, REJECTION DOCUMENT 1PRODUCT, AND FAILURE MODE. TWO (2) FAILURE 1ANALYSIS REPORTS SHALL BE MAILED UNDER 1SEPARATE COVER TO: 1 HAMILTON SUNDSTRAND POWER SYSTEMS 1 4400 RUFFIN ROAD 1 P.O. BOX 85757 1 SAN DIEGO, CA 92186-5757 1 1) ATTN:MANAGER,RELIABILITY ENG. M/Z T 1 2) ATTN:LANTIRN QUALITY MANAGER M/Z 413PS</p>
<p>QDL</p>	<p>1SUPPLIER SHALL CLEARLY IDENTIFY TOOLS ON THIS ORDER BY APPLICATION OF THE TOOL NUMBER ON THE TOOL, LOOSE DETAILS, AND CONTAINER, ON A NON-FUNCTIONAL SURFACE. METHOD OF IDENTIFI- CATION SHALL BE STEEL STAMP, OR VIBRO PEEN, OR ELECTRO-ETCH, OR METAL TAG PER ES 9-6. DETAIL PARTS NOT ATTACHED TO THE TOOL, MUST BE IDENTIFIED WITH TOOL NUMBER AND DETAIL NUMBER.</p>
<p>QDM</p>	<p>1SUPPLIER SHALL PROVIDE A WOODEN OR PLASTIC BOX TO HOLD AND PROTECT THE TOOL AND ALL DETAILS. THE BOX SHALL ALSO PROVIDE PROTECT- IVE INTERNAL PACKAGING AS NECESSARY TO PREVENT THE TOOLS FROM DAMAGE WHILE IN THE BOX.</p>
<p>QDN</p>	<p>1EACH SHEET OR PLATE (EXCLUDING MILD STEEL PLATE) FURNISHED ON THIS ORDER SHALL BE IDENTIFIED WITH STENCILING OF SUFFICIENT SIZE TO BE READILY LEGIBLE, APPLIED BY PERMANENT INK OR DYE OF CONTRASTING COLOR, NON- INJURIOUS TO MATERIAL SURFACES AND NOT SOLUBLE IN CUTTING AND COOLING OILS, IN- FORMATION MUST INCLUDE MATERIAL TYPE AND DESIGNATION MATERIAL SPECIFICATION, HEAT NUMBER, SIZE AND PART OR CODE NUMBER.</p>

<p>QDQ</p>	<p>1FOR ROD, BAR, OR TUBE (SMALLER THAN 0.25 INCH CROSS SECTION) AN ADHESIVE LABEL OR MARKING TAPE,PERMANENTLY MARKED TO INDICATE TYPE OR DESIGNATION, MATERIAL SPECIFICATION AND HEAT NUMBER, SHALL BE SECURELY AFFIXED TO EACH END OF EACH ROD,BAR, OR TUBE. THE LABEL SHALL BE COATED TO PROVIDE PROTECTION FROM WEATHER AND HANDLING. SIMILAR MATERIALS OF A SINGLE HEAT SHALL BE SECURELY BUNDLED TOGETHER.</p>
<p>QDR</p>	<p>1EACH CASTING SHIPPED SHALL BE IDENTIFIED WITH 1THE PART NUMBER, MASTER HEAT NUMBER, HEAT LOT 1NUMBER (WHEN APPLICABLE) AND SYMBOL.</p>
<p>QDV</p>	<p>1EACH FORGING SHIPPED SHALL BE IDENTIFIED WITH PART NUMBER, MASTER HEAT NUMBER, HEAT TREAT NUMBER WHEN APPLICABLE, AND</p>
<p>QDW</p>	<p>1SUPPLIER SHALL FURNISH A CERTIFIED TEST REPORT FOR EACH CASE HARDENED HEAT TREAT LOT. REPORT SHALL SHOW COMPLIANCE WITH APPLICABLE SPECIFICATIONS AND IF APPLICABLE, SHOW THE SERIAL NUMBERS OF PARTS INVOLVED.</p>
<p>QDX</p>	<p>1 SUPPLIER SHALL FURNISH TWO CERTIFIED TEST REPORTS FOR EACH CASE HARDENED HEAT TREAT LOT. THE FIRST SHALL BE FROM THE SPECIAL PROCESS SOURCE PERFORMING THE CASE HARDENING. THE SECOND SHALL BE FROM A LAB INDEPENDENT OF THE SPECIAL PROCESS SOURCE. THE TEST REPORTS SHALL SHOW COMPLIANCE WITH APPLICABLE SPECIFICATIONS AND, AS APPROPRIATE, THE SERIAL NUMBERS OF THE PARTS INVOLVED.</p>
<p>QDY</p>	<p>1SUPPLIER SHALL PRODUCE PARTS ON THIS ORDER IN MATCHED SETS AND SHALL IDENTIFY MATCHED SETS AS ILLUSTRATED: S/N VXX-YZZZ (1 OF 3)-INDICATES PART #1 OF 3 MATCHED PIECES. S/N VXX-YZZZ (2 OF 4)-INDICATES PART #2 OF 4 MATCHED PIECES. THE METHOD OF IDENTIFICATION SHALL CONSIST OF TWO DIGITS OF THE SUNDSTRAND PURCHASE ORDER FOR WHICH THE PARTS ARE BEING SUPPLIED. THE S/N PREFIX AND THE ASSOCIATED IDENTIFIER ARE FOLLOWED BY A DASH AND AN ALPHA, REPRESENTING THE FIRST INITIAL OF THE SUPPLIERS NAME AND THEN THE SERIAL NUMBER WHICH IS ASSIGNED AND CONTROLLED BY THE BY THE SUPPLIER. THE METHOD FOR AFFIXING THE SERIAL NUMBER TO THE PART SHALL CONFORM TO THE ENGINEERING DRAWING IDENTIFICATION REQUIREMENTS. SUPPLIER RECORDS MUST SHOW THAT SERIAL NUMBERS ARE NOT DUPLICATED ON LIKE PARTS</p>

<p>QDZ</p>	<p>1SUPPLIER SHALL FURNISH ONE (1) COPY OF THE CERTIFIED FUNCTIONAL TEST REPORT INDICATING ACTUAL FUNCTIONAL TEST RESULTS FOR EACH ITEM ON THIS ORDER. THE TEST REPORT SHALL INDICATE ACTUAL INPUT AND OUTPUT CONDITIONS REQUIRED BY APPLICABLE SPECIFICATIONS AND SHALL DEMONSTRATE COMPLIANCE TO SPECIFICATION REQUIREMENTS. COPIES OF TEST PACKING SLIP AND INCLUDED WITH SHIPMENT.</p>
<p>QEA</p>	<p>1ON A MONTHLY BASIS, THE SUPPLIER SHALL FURNISH HAMILTON SUNDSTRAND WITH A REPORT OF FAILURES OCCURRING DURING THE MANUFACTURING AND TESTING OF THESE UNITS. REPORTABLE FAILURES ARE THOSE FAILURES WHICH OCCUR DURING IN-PROCESS (BURN-IN) CONDITIONING AND DURING ACCEPTANCE TESTING. DATA WILL BE PROVIDED USING THE SUNDSTRAND POWER SYSTEMS FORM TM-368. THESE REPORTS SHOULD BE MAILED UNDER SEPARATE COVER TO THE RESPONSIBLE BUYER. ALL COMPONENTS/DEVICES ASSOCIATED WITH THE REPORTED FAILURE SHALL BE RETAINED BY THE SUPPLIER FOR A PERIOD OF 1NINETY (90) DAYS FROM THE DATE OF SUBMITTAL OF THESE REPORTS TO HAMILTON SUNDSTRAND POWER SYSTEMS. RETENTION SHALL BE ACCOMPLISHED IN A MANNER WHICH FACILITATES RETRIEVAL.</p>
<p>QEB</p>	<p>1BEARING SUPPLIED SHALL CONFORM TO AFBMA STANDARD 4 TOLERANCE REQUIREMENTS. EACH BEARING (OR SET) SHALL BE PACKAGED IN AN INDIVIDUAL CONTAINER AND PRESERVED IN ACCORDANCE AFBMA STANDARD 6 (MINIMUM REQUIREMENTS.)</p>
<p>QEC</p>	<p>1SUPPLIER TO IDENTIFY IN ACCORDANCE WITH THE 1ENGINEERING DRAWING INSTRUCTION AND 1SERIALIZE EACH INDIVIDUAL BEARING (OR SET).</p>
<p>QED</p>	<p>1EACH SPOOL OR REEL SHALL BE IDENTIFIED ON THE OUTSIDE OF ITS FLANGE (OR THE INSIDE DIAMETER OF SPOOL IF IT IS NOT FLANGED) WITH AN ADHESIVE LABEL OR OTHER PERMANENT MARKING TO SHOW: MATERIAL TYPE AND SIZE HEAT NUMBER SPECIFICATION NUMBER, REVISION STATUS AND SUB-CATEGORY, TYPE OR CLASS (AS APPLICABLE.)</p>
<p>QEF</p>	<p>1PARTS SUPPLIED ON THIS ORDER SHALL BE PRESERVED AND PACKAGED IN A WATER VAPOR PROOF ENCLOSURE WITH DESSICANT AND SEALED AS REQUIRED TO PREVENT CORROSION, CONTAMINATION, MECHANICAL AND PHYSICAL DAMAGE DURING SHIPMENT AND STORAGE FOR A MAXIMUM PERIOD OF 18 MONTHS IN A CONTROLLED WAREHOUSE ENVIRONMENT.</p>

QEG	<p>1PARTS SUPPLIED ON THIS ORDER SHALL BE INDIVIDUALLY PACKAGED TO PREVENT DAMAGE DURING SHIPMENT. EACH CONTAINER SHALL BE IDENTIFIED WITH THE PART NUMBER AND SERIAL NUMBERS IF APPLICABLE, OF THE ITEM ENCLOSED. PARTS SHALL BE PROTECTED FROM MECHANICAL AND PHYSICAL DAMAGE DURING SHIPMENT AND STORAGE FOR A MAXIMUM PERIOD OF 18 MONTHS IN A CONTROLLED WAREHOUSE ENVIRONMENT.</p>
QEH	<p>1PARTS SUPPLIED ON THIS ORDER SHALL BE PACKAGED TO PREVENT DAMAGE BY ENVIRONMENTAL FIELD FORCES. SUPPLIER SHALL WRAP OR ENCLOSE PARTS IN MATERIALS THAT WILL PROVIDE ELECTROSTATIC AND ELECTROMAGNETIC PROTECTION. PARTS ALSO SHALL BE PROTECTED FROM MECHANICAL AND PHYSICAL DAMAGE DURING SHIPMENT AND STORAGE FOR A MAXIMUM PERIOD OF 18 MONTHS IN A CONTROLLED WAREHOUSE ENVIRONMENT.</p>
QEJ	<p>1SUPPLIER SHALL FLUSH CLEAN ALL PASSAGES,AND 1PROTECT ALL OPENINGS AND THREADED AREAS WITH 1SUITABLE PROTECTIVE COVERS.</p>
QEK	<p>1SUPPLIER SHALL PROTECTIVELY PACKAGE ALL PARTS DELIVERED ON THIS ORDER AND IDENTIFY THE OUTSIDE OF THE SHIPPING CONTAINER WITH THE PART NUMBER OF THE PARTS ENCLOSED. PARTS SHALL BE PROTECTED FROM MECHANICAL AND PHYSICAL DAMAGE DURING SHIPMENT AND STORAGE FOR A MAXIMUM PERIOD OF 18 MONTHS IN A CONTROLLED WAREHOUSE ENVIRONMENT.</p>
QEL	<p>1SUPPLIER SHALL RECORD DIMENSIONAL INSPECTION IN ACCORDANCE WITH THE INSPECTION SUMMARY SHEET QA-249 PROVIDED FOR EACH PART. INDIVIDUAL PARTS SHALL BE PACKAGED IN SEPARATE CONTAINERS, WITH A COMPLETED QA-249 ENCLOSED IN EACH</p>
QEM	<p>1SUPPLIER SHALL FURNISH A TEST COUPON FOR 1EACH LOT OF MATERIAL SUBMITTED ON THIS ORDER. 1THIS COUPON MUST BE REPRESENTATIVE OF THE 1PROCESSING PERFORMED ON THAT MATERIAL.</p>
QEN	<p>1THIS PART NUMBER IS INCLUDED IN THE HAMILTON 1PER Q.A.S. 1000. THIS IS FOR INTERNAL USAGE 1ONLY AND HAS NO AFFECT ON THE SUPPLIER.</p>
QEP	<p>1EACH LENGTH OF ROD, BAR, OR TUBE (0.25 INCH CROSS SECTION OR LARGER) FURNISHED ON THIS ORDER SHALL BE IDENTIFIED ON BOTH ENDS BY STENCILING OF SUCH SIZE AS TO BE LEGIBLE, APPLIED WITH PERMANENT INK OR DYE OF CONTRASTING COLOR, NON-INJURIOUS TO MATERIAL SURFACES AND NOT SOLUBLE IN CUTTING OR COOLING OILS. INFORMATION SHALL INCLUDE MATERIAL TYPE OR DESIGNATION, HEAT NUMBER, MATERIAL SPECIFICATION, AND PART OR CODE NUMBER.</p>

<p>QEQ</p>	<p>1SUPPLIER TO PROVIDE A WRITTEN FAILURE ANALYSIS REPORT. THIS REPORT TO BE DELIVERED TO: HAMILTON SUNDSTRAND 4400 RUFFIN ROAD SAN DIEGO, CA 92123 ATTN: QUALITY ENGINEERING DEPARTMENT</p>
<p>QET</p>	<p>1QUALITY REVIEW AT SUPPLIERS: 1SPS AND THEIR CUSTOMERS SHALL BE ALLOWED TO 1VERIFY THE QUALITY OF WORK AND MATERIAL AT 1ANY PLACE, INCLUDING THE PLANT OF ANY 1SUNDSTRAND SUPPLIER, AND ALL PRODUCTION STAGE 1OF MATERIALS INTENDED FOR INCORPORATION INTO 1SPS PRODUCTS. SUCH INVESTIGATIONS SHALL BE 1PERFORMED WITH THE KNOWLEDGE OF, AND JOINTLY 1WITH, THE SUPPLIER.</p>
<p>QEU</p>	<p>1THE SUPPLIER SHALL PROVIDE A CERTIFICATION 1STATING THE DATE OF MANUFACTURE AND THE DATE 1OF EXPIRATION FOR MATERIAL SUPPLIED ON THIS 1ORDER.</p>
<p>QEX</p>	<p>1SUPPLIER SHALL FURNISH TWO (2) COPIES OF THE CERTIFIED FUNCTIONAL TEST REPORT INDICATING ACTUAL FUNCTIONAL TEST RESULTS FOR EACH ITEM ON THIS ORDER. INDIVIDUAL PARTS SHALL BE PACKAGED IN SEPARATE CONTAINERS, WITH ONE (1) TEST REPORT ENCLOSED IN EACH CONTAINER. A COPY OF THE TEST REPORT SLIP, AND INCLUDED WITH THE SHIPMENT. THE TEST REPORT SHALL INDICATE ACTUAL INPUT AND OUTPUT CONDITIONS REQUIRED BY APPLICABLE SPECIFICATIONS AND SHALL DEMONSTRATE COMPLIANCE TO SPECIFICATION REQUIREMENTS.</p>
<p>QEY</p>	<p>1THE PRODUCT BEING PROCURED HAS BEEN DESIGNATED AS CONTAINING KEY CHARACTERISTICS PER THE REQUIREMENTS ESTABLISHED IN PN02.13 AND QAR 0100. STATISTICAL PROCESS CONTROL MUST BE IMPLEMENTED AND MAINTAINED FOR EACH IDENTIFIED KEY CHARACTERISTIC. WHEN IT IS DETERMINED THAT A KEY CHARACTERISTIC IS NOT IN CONTROL, SPECIAL CAUSES OF THE VARIATION SHALL BE INVESTIGATED, IDENTIFIED AND REMOVED. CORRECTIVE ACTION SHALL BE INITIATED AND CONTINUED UNTIL IT HAS BEEN DETERMINED, WITH A 90% CONFIDENCE, THAT THE KEY CHARACTERISTIC PROCESS IS CAPABLE AND IN 1CONTROL. SUPPLIER SHALL SUBMIT WITH EACH SHIPMENT SPS INFORMATION IN ACCORDANCE WITH PN02.13, PARAGRAPH 3.1.3.1.</p>
<p>QE1</p>	<p>NAVY NUCLEAR PROGRAM. COMPLIANCE TO QCDM-2 IS REQUIRED. A COMPLETED INSPECTION CHECK LIST AND A SIGNED & DATED CERTIFICATION IS REQUIRED.</p>

QE3	THE MATERIAL SPECIFICATION LISTS APPROVED PRODUCERS OF MATERIAL TO BE SUPPLIED AGAINST THIS ORDER. NO DEVIATIONS ARE ALLOWED WITHOUT PRIOR BUYER AUTHORIZATION. DISTRIBUTORS MUST IDENTIFY MANUFACTURING SOURCE ON THE PACKING SLIP OR CERTIFICATION.
QE4	TRACEABILITY DOCUMENTATION FOR DISTRIBUTORS AND MANUFACTURERS IS MANDATORY TO MIL-S-19500 (REF. PAR. 3.3.1 & 4.1.1). SEPARATE CERTS MUST ACCOMPANY EACH SHIPMENT. NOTE THAT MANUFACTURERS DOCUMENTATION SHALL CONTAIN THE INSPECTION.
QE9	REVISED 07/26 PARAGRAPH FOR SPECIFIC QUALITY REQUIREMENTS. IMPOSED ON THIS PROCUREMENT. IN ADDITION, QUALITY ASSURANCE DOCUMENT PQA211 UNLESS OTHERWISE STATED IN THE PURCHASE ORDER QF26 QF27 QF28 QF29 QF30 FOR REFERENCE ONLY: THIS CONTRACT IS LET IN ACCORDANCE WITH THE PROCUREMENT CONTROL GUIDELINES OF JSC31000, SPACE STATION FREEDOM WORK PACKAGE 2 REQUIREMENT DOCUMENTS. A LIST OF RECORDS TO BE SUBMITTED WITH EACH HARDWARE SHIPMENT IS LOCATED IN TABLE 1 OF PQA-210. PARAGRAPH 28 AND PQA-210 PARAGRAPH 5.2 .
QFA	IMPORTANT: QUALITY CODE QF01 APPLIES TO THIS
QFB	IMPORTANT: QUALITY CODE QF02 APPLIES TO THIS
QFC	IMPORTANT: QUALITY CODE QF03 APPLIES TO THIS
QFD	IMPORTANT: QUALITY CODE QF04 APPLIES TO THIS
QFE	IMPORTANT: QUALITY CODE QF05 APPLIES TO THIS
QFF	IMPORTANT: QUALITY CODE QF06 APPLIES TO THIS
QFG	IMPORTANT: QUALITY CODE QF07 APPLIES TO THIS
QFH	IMPORTANT: QUALITY CODE QF08 APPLIES TO THIS
QFI	IMPORTANT: QUALITY CODE QF09 APPLIES TO THIS
QFJ	IMPORTANT: QUALITY CODE QF10 APPLIES TO THIS
QFK	IMPORTANT: QUALITY CODE QF11 APPLIES TO THIS
QFL	IMPORTANT: QUALITY CODE QF12 APPLIES TO THIS
QFM	IMPORTANT: QUALITY CODE QF13 APPLIES TO THIS
QFN	IMPORTANT: QUALITY CODE QF16 APPLIES TO THIS
QFP	IMPORTANT: QUALITY CODE QF17 APPLIES TO THIS
QFQ	IMPORTANT: QUALITY CODE QF17 APPLIES TO THIS
QFR	IMPORTANT: QUALITY CODE QF19 APPLIES TO THIS
QFS	IMPORTANT: QUALITY CODE QF20 APPLIES TO THIS
QFT	IMPORTANT: QUALITY CODE QF21 APPLIES TO THIS

QFU	IMPORTANT: QUALITY CODE QF26 APPLIES TO THIS
QFV	IMPORTANT: QUALITY CODE QF27 APPLIES TO THIS
QFW	IMPORTANT: QUALITY CODE QF28 APPLIES TO THIS
QFX	IMPORTANT: QUALITY CODE QF29 APPLIES TO THIS
QFY	IMPORTANT: QUALITY CODE QF30 APPLIES TO THIS SECTIONS 4 AND 5, ARE IMPOSED IF PQA APPENDIX
QFZ	IMPORTANT: QUALITY CODE QF32 APPLIES TO THIS
QF1	MANUFACTURE TO REDLINE OR UNRELEASED DRAWINGS THIS PURCHASE ORDER MAY HAVE BEEN GENERATED PRIOR TO FULL RELEASE OF ENGINEERING DRAWING ITEMS ON THIS ORDER, HOWEVER, DO NOT SHIP FROM YOUR FACILITY PRIOR TO HAVING FULLY RELEASED DRAWINGS IN YOUR POSSESSION, AND FULL INSPECTION COMPLETED TO THESE DRAWINGS. ANY FIRST ARTICLE REQUIREMENTS SHALL BE COMPLETED TO THE RELEASED DRAWING. ANY NON-CONFORMANCES RESULTING FROM INSPECTION TO THE RELEASED DRAWINGS SHALL BE IDENTIFIED ON A SUPPLIER NONCONFORMANCE TRANSMITTAL SHEET. DISPOSITION BY HAMILTON SUNDSTRAND PRIOR TO SHIPMENT IS REQUIRED.
QF2	1QUALITY CONTROL RECORDS SHALL BE MAINTAINED 1ON FILE ANDAVAILABLE TO THE BUYERS AUTHORIZED 1REPRESENTATIVES. THE SELLER SHALL RETAIN SUCH 1RECORDS FOR A PERIOD OF NOT LESS THAN SEVEN 7 1YEARS FROM THE DATE OF FINAL PAYMENT. PRIOR 1TO THE DISPOSAL OF ANY SUCH RECORDS, THE 1BUYER SHALL BE NOTIFIED AND SELLER SHALL 1TRANSFER SUCH RECORDS AS BUYER MAY DIRECT.
QF4	1THE PART NUMBER(S) LISTED ON THIS PURCHASE 1ORDER FALLS UNDER THE REQUIREMENT OF 1MIL-STD-100F, PARAGRAPH 204.2.2.. THAT 1SUCH ENVELOPE DRAWINGS SHALL EVOLVE AFTER 1DEVELOPMENT INTO DETAIL DRAWINGS, SOURCE 1CONTROL DRAWINGS OR SPECIFICATIONS.
QG8	GOVERNMENT INSPECTION IS REQUIRED PRIOR TO SHIPMENT FROM YOUR PLANT. UPON RECEIPT OF THIS ORDER PROMPTLY NOTIFY AND FURNISH A COPY TO THE GOVERNMENT REPRESENTATIVE NORMALLY SERVICING YOUR PLANT SO THAT APPROPRIATE PLANNING FOR GOVERNMENT INSPECTION CAN BE ACCOMPLISHED. THE GOVERNMENT REPRESENTATIVE SHALL BE NOTIFIED FORTY EIGHT (48) HOURS IN ADVANCE OF THE TIME ARTICLES OR MATERIALS ARE READY FOR INSPECTION OR TEST. IF A GOVERNMENT REPRESENTATIVE DOES NOT SERVICE YOUR PLANT, CONTACT THE NEAREST AIR FORCE, ARMY OR NAVY INSPECTION OFFICE. IF YOU CAN NOT LOCATE THE GOVERNMENT OFFICE, THE BUYER SHOULD BE NOTIFIED IMMEDIATELY.

<p>QG9</p>	<p>ALL WORK ON THIS ORDER IS SUBJECT TO INSPECTION AND TEST BY THE GOVERNMENT AT ANY TIME AND PLACE. THE GOVERNMENT QUALITY REPRESENTATIVE WHO HAS BEEN DELEGATED QUALITY ASSURANCE FUNCTION ON THIS PROCUREMENT SHALL BE NOTIFIED BY THE SUPPLIER IMMEDIATELY UPON RECEIPT OF THIS ORDER. THE GOVERNMENT REPRESENTATIVE SHALL ALSO BE NOTIFIED FORTY EIGHT (48) HOURS IN ADVANCE OF THE TIME ARTICLES OR MATERIALS ARE READY FOR INSPECTION OR TEST. IF THE SUPPLIERS' FACILITY IS NOT NORMALLY SERVICED BY A GOVERNMENT QUALITY REPRESENTATIVE AND THE AREA GOVERNMENT QUALITY REPRESENTATIVE OR AGENCY CANNOT BE LOCATED, IMMEDIATELY NOTIFY THE HAMILTON SUNDSTRAND BUYER TO OBTAIN A POINT OF CONTACT GOVERNMENT APPROVAL IN NO WAY RELIEVES THE SUPPLIER OF THEIR RESPONSIBILITY TO FURNISH AN ACCEPTABLE PRODUCT, NOR RELIEVES THE SUPPLIER OF COMPLYING WITH THE REQUIREMENTS OF THIS PURCHASE ORDER</p>
<p>QH1</p>	<p>REVISED 4/01 ***** FAI - FIRST ARTICLE INSPECTION A FIRST ARTICLE INSPECTION (FAI) REPORT IS REQUIRED ON THIS ORDER. APPLICABLE HAMILTON SUNDSTRAND REQUIREMENTS ARE ASQR-01, SUPPLIER QUALITY SYSTEM REQUIREMENTS, SECTION 1; AND SAE AS9102, AEROSPACE FIRST ARTICLE INSPECTION REQUIREMENT. THESE REQUIREMENTS DO NOT APPLY TO PROCURED STANDARD CATALOG HARDWARE (STANDARD PARTS) WHICH HAVE NOT BEEN MODIFIED TO HAMILTON SUNDSTRAND REQUIREMENTS (INCLUDING MS, NAS, AN, JAN, M, ETC.) THE FAI IS TO BE PERFORMED TO THE HAMILTON SUNDSTRAND ENGINEERING DRAWING. ONE COPY OF THE FAI MUST BE SHIPPED WITH THE FIRST ORDER. A DELTA FAI (PARTIAL OR COMPLETE RE-ACCOMPLISHMENT OF THE FAI) IS REQUIRED PER APPLICABLE REQUIREMENTS OF THE SAE AS9102. DO NOT SEND A COPY OF THE DELTA FAI TO HAMILTON SUNDSTRAND UNLESS REQUESTED. THE SUPPLIER SHALL MAINTAIN THE ORIGINAL AND DELTA FAI'S ON FILE AT THEIR FACILITY</p>

<p>QH2</p>	<p>1CASTINGS AGAINST THIS PURCHASE ORDER ARE 1SPECIFIED "RPA" (RAPID PROTOTYPE APPROVAL) 1BY SUNDSTRAND PQA. UNDER RPA PROCEDURES, 1THE FOUNDRY IS RESPONSIBLE TO 100% INSPECT 1DIMENSIONS DEEMED TO BE CRITICAL BY HAMILTON 1SUNDSTRAND ENGINEERING AND SUBMIT THE ACTUALS 1TO THE SUNDSTRAND BUYER PRIOR TO SHIPMENT. 1 1A FIRST ARTICLE LAYOUT CONSISTING OF 1ALL DIMENSIONS AND NOTES ON THE 1ENGINEERING/CASTING DRAWING SHOULD BEGIN 1IMMEDIATELY ON THE FIRST PROTOTYPE CASTING. 1THE LAYOUT AND SAMPLES REPRESENTATIVE OF THE 1PROTOTYPE CASTING LOT SHALL BE SUBMITTED TO 1SUNDSTRAND FOR EVALUATION PRIOR TO SHIPMENT. 1REQUIREMENTS SUCH AS X-RAYS, X-RAY TECHNIQUE 1APPROVAL, CERTIFICATIONS, ETC. SHALL BE IN 1COMPLIANCE WITH ENGINEERING DRAWING 1 1ALL RPA CASTINGS MUST BE PERMANENTLY MARKED 1PER THE METHOD CALLED OUT ON THE ENGINEERING 1DRAWING WITH SEQUENTIAL INDIVIDUAL SERIAL 1NUMBERS BEGINNING WITH "RPA-01". ALL 1SHIPPING PAPERWORK AND CERTIFICATIONS SHALL 1BE MARKED "RPA-PARTS".</p>
<p>QH3</p>	<p>1REVISED 4/2001 1***** 1 FAI - FIRST ARTICLE INSPECTION 1 1A FIRST ARTICLE INSPECTION IS REQUIRED ON 1THIS ORDER IF THE APPLICABLE PART NUMBER HAS 1NOT BEEN MANUFACTURED AT THIS FACILITY 1PREVIOUSLY. 1 1APPLICABLE HAMILTON SUNDSTRAND REQUIREMENTS 1ARE ASQR-01, SUPPLIER QUALITY SYSTEM 1REQUIREMENTS, SECTION 1; AND SAE AS9102, 1AEROSPACE FIRST ARTICLE INSPECTION 1REQUIREMENT. 1 1THESE REQUIREMENTS DO NOT APPLY TO PROCURED 1STANDARD CATALOG HARDWARE (STANDARD PARTS) 1WHICH HAVE NOT BEEN MODIFIED TO HAMILTON 1SUNDSTRAND REQUIREMENTS (INCLUDING MS, NAS, 1AN, JAS,M, ETC.) 1 1THE FAI IS TO BE PERFORMED TO THE HAMILTON 1SUNDSTRAND ENGINEERING DRAWING. A DELTA FAI 1(PARTIAL OR COMPLETE RE-ACCOMPLISHMENT OF 1THE FAI) IS REQUIRED PER APPLICABLE 1REQUIREMENTS OF THE SAE AS9102. DO NOT SEND 1A COPY OF THE FAI TO HAMILTON SUNDSTRAND 1UNLESS REQUESTED. 1 1THE SUPPLIER SHALL MAINTAIN THE ORIGINAL AND 1MAKE THESE DOCUMENTS AVAILBLE TO</p>

	1HAMILTON SUNDSTRAND ON REQUEST.
QLS	P/N 734447 GAS TUBE ASSEMBLIES SUPPLIED BY LEWIS AND SAUNDERS SHALL BE ASSIGNED SERIAL NUMBERS IN THE PATTERN LASOOOO. THAT IS (LAS) TO IDENTIFY LEWIS AND SAUNDERS, FOLLOWED BY FOUR-DIGIT NUMBERS ASSIGNED CONSECUTIVELY. THIS SERIALIZATION PATTERN SUPERSEDES THE REQUIREMENT OF APPENDIX MX, PARAGRAPH 16.
QLT	Latest revision of "Appendix THAAD" entitled Supplemental Purchase Order Terms and Conditions for THAAD Procurements is applicable and becomes part of this order. A separate PO clause code assigned to this purchase order will identify a "Quality Code" (QL....) that will define which paragraphs of "Appendix THAAD" that apply. Unless otherwise stated "Appendix THAAD" does not apply to procurement or manufacture of standard off-the-shelf hardware such as MS, NAS, AN, etc...
QMA	REVISED 01/22/92 IS APPLICABLE AND BECOMES PART OF THIS ORDER.
QM1	IMPORTANT: QUALITY CODE QM01 APPLIES TO APPROPRIATE QUALITY REQUIREMENTS.
QM2	IMPORTANT: QUALITY CODE QM02 APPLIES TO APPROPRIATE QUALITY REQUIREMENTS.
QM3	IMPORTANT: QUALITY CODE QM03 APPLIES TO APPROPRIATE QUALITY REQUIREMENTS.
QM4	IMPORTANT: QUALITY CODE QM04 APPLIES TO APPROPRIATE QUALITY REQUIREMENTS.
QM5	IMPORTANT: QUALITY CODE QM05 APPLIES TO APPROPRIATE QUALITY REQUIREMENTS.
QM6	IMPORTANT: QUALITY CODE QM06 APPLIES TO APPROPRIATE QUALITY REQUIREMENTS.
QM7	IMPORTANT: QUALITY CODE QM07 APPLIES TO APPROPRIATE QUALITY REQUIREMENTS.
QM8	IMPORTANT: QUALITY CODE QM08 APPLIES TO APPROPRIATE QUALITY REQUIREMENTS.
QM9	IMPORTANT: QUALITY CODE QM09 APPLIES TO APPROPRIATE QUALITY REQUIREMENTS.
QN0	IMPORTANT: QUALITY CODE QM10 APPLIES TO QUALITY REQUIREMENTS.
QN1	IMPORTANT: QUALITY CODE QM11 APPLIES TO APPROPRIATE QUALITY REQUIREMENTS.
QN2	IMPORTANT: QUALITY CODE QM12 APPLIES TO APPROPRIATE QUALITY REQUIREMENTS.
QN3	IMPORTANT: QUALITY CODE QM13 APPLIES TO APPROPRIATE QUALITY REQUIREMENTS.
QN4	IMPORTANT: QUALITY CODE QM14 APPLIES TO APPROPRIATE QUALITY REQUIREMENTS.
QN5	IMPORTANT: QUALITY CODE QM15 APPLIES TO APPROPRIATE QUALITY REQUIREMENTS.
QN6	IMPORTANT: QUALITY CODE QM16 APPLIES TO APPROPRIATE QUALITY REQUIREMENTS.
QN7	IMPORTANT: QUALITY CODE QM17 APPLIES TO APPROPRIATE QUALITY REQUIREMENTS.

QN8	IMPORTANT: QUALITY CODE QM18 APPLIES TO APPROPRIATE QUALITY REQUIREMENTS.
QPA	THE CASTING/FORGING SERIAL NUMBER OR LOT CONTROL NUMBER (EXAMPLE V88A001 OR V88A19) AND ANY MRB IDENTIFICATION MARKINGS MUST BE REAPPLIED IF REMOVED BY MACHINING AT YOUR FACILITY OR OBSCURED BY ASSEMBLY/FABRICATION. ALSO A CROSS REFERENCE LIST MUST BE GENERATED WHICH SPECIFIES THE IDENTITY NUMBER OF THE MACHINED COMPONENT RELATIVE TO THE CASTING/FORGING SERIAL NUMBER OR LOT CONTROL NUMBER. THE CROSS REFERENCE LIST IS ALSO TO REFLECT ANY MRB IDENTIFICATION ASSIGNED TO EITHER THE CASTING/FORGING OR MACHINED COMPONENT. A COPY OF THIS LIST MUST ACCOMPANY THE DELIVERED HARDWARE. IF A CONFIGURATION CONTROL LIST IS REQUIRED FOR THE HARDWARE SHIPPED, ANY MRB IDENTIFICATION NUMBERS ARE TO BE INCLUDED ON THE LIST.
QPB	IMPORTANT: QUALITY CODE QL01 APPLIES TO THIS ORDER. REFER TO APPENDIX 'P' FOR QUALITY REQUIREMENTS.
QPC	IMPORTANT: QUALITY CODE QL02 APPLIES TO THIS ORDER. REFER TO APPENDIX 'P' FOR QUALITY REQUIREMENTS.
QPD	IMPORTANT: QUALITY CODE QL03 APPLIES TO THIS ORDER. REFER TO APPENDIX 'P' FOR QUALITY REQUIREMENTS.
QPE	IMPORTANT: QUALITY CODE QL04 APPLIES TO THIS ORDER. REFER TO APPENDIX 'P' FOR QUALITY REQUIREMENTS.
QPF	IMPORTANT: QUALITY CODE QL05 APPLIES TO THIS ORDER. REFER TO APPENDIX 'P' FOR QUALITY REQUIREMENTS.
QPG	IMPORTANT: QUALITY CODE QL06 APPLIES TO THIS ORDER. REFER TO APPENDIX 'P' FOR QUALITY REQUIREMENTS.
QPH	IMPORTANT: QUALITY CODE QL07 APPLIES TO THIS ORDER. REFER TO APPENDIX 'P' FOR QUALITY REQUIREMENTS.
QPJ	IMPORTANT: QUALITY CODE QL08 APPLIES TO THIS ORDER. REFER TO APPENDIX 'P' FOR QUALITY REQUIREMENTS.
QPK	IMPORTANT: QUALITY CODE QL09 APPLIES TO THIS ORDER. REFER TO APPENDIX 'P' FOR QUALITY REQUIREMENTS.
QPL	IMPORTANT: QUALITY CODE QL10 APPLIES TO THIS ORDER. REFER TO APPENDIX 'P' FOR QUALITY REQUIREMENTS.
QPM	IMPORTANT: QUALITY CODE QL11 APPLIES TO THIS ORDER. REFER TO APPENDIX 'P' FOR QUALITY REQUIREMENTS.

QPN	IMPORTANT: QUALITY CODE QL12 APPLIES TO THIS ORDER. REFER TO APPENDIX 'P' FOR QUALITY REQUIREMENTS.
QPP	IMPORTANT: QUALITY CODE QL13 APPLIES TO THIS ORDER. REFER TO APPENDIX 'P' FOR QUALITY REQUIREMENTS.
QPQ	IMPORTANT: QUALITY CODE QL14 APPLIES TO THIS ORDER. REFER TO APPENDIX 'P' FOR QUALITY REQUIREMENTS.
QPR	IMPORTANT: QUALITY CODE QL15 APPLIES TO THIS ORDER. REFER TO APPENDIX 'P' FOR QUALITY REQUIREMENTS.
QPS	IMPORTANT: QUALITY CODE QL16 APPLIES TO THIS ORDER. REFER TO APPENDIX 'P' FOR QUALITY REQUIREMENTS.
QPT	IMPORTANT: QUALITY CODE QL17 APPLIES TO THIS ORDER. REFER TO APPENDIX 'P' FOR QUALITY REQUIREMENTS.
QPX	IMPORTANT: QUALITY CODE QL18 APPLIES TO THIS ORDER. SEE PURCHASE ORDER FOR APPLICABLE APPENDIX P REQUIREMENTS.
QPY	NOTE: APPENDIX 'P', PARA. 16 SERIALIZATION IS NOT APPLICABLE TO THIS PURCHASE ORDER. THE SERIAL NUMBER ASSIGNED TO THE RAW CASTING OR FORGING MUST BE MAINTAINED UNCHANGED BY ALL SUPPLIERS PERFORMING MACHINING OR PROCESSING OPERATIONS. THE SERIAL NUMBER OF THE HARDWARE SHIPPED MUST BE THE SAME AS THE SERIAL NUMBER ASSIGNED TO THE CASTING/FORGING WHEN RECEIVED AT YOUR FACILITY. IF THE CASTINGS/FORGINGS ARE NOT SERIALIZED OR THE SERIAL NUMBERS ARE NOT LEGIBLE UPON RECEIPT, CONTACT THE BUYER FOR RESOLUTION BEFORE MANUFACTURING IS BEGUN.
QP1	Latest revision of Appendix 'P' entitled 'Supplemental Purchase Order Terms and Conditions for Trident D-5 Procurements' is applicable and becomes part of this order. A separate PQA paragraph assigned to this purchase order will identify a "Quality Code" (QL....) that will define which paragraphs of Appendix P apply. Unless otherwise stated, Appendix P does not apply to procurement or manufacture of standard off-the-shelf hardware such as MS, NAS, AN, etc.
QP2	LATEST REVISION OF DOCUMENT SSP OD 63425 IS IMPOSED ON THIS PURCHASE ORDER. THIS DOCUMENT PROVIDES A LIST OF SUBSTITUTE SPECIFICATIONS THAT MAY BE USED WHEN A CANCELLED OR SUPERCEDED DOCUMENT IS IMPOSED ON THE PURCHASE ORDER OR ENGINEERING DRAWING. A COMPLETE LIST OF APPLICABLE SPECIFICATIONS AND THEIR IMPLEMENTATION GROUND RULES ARE CONTAINED IN THIS OD

<p>QP9</p>	<p>PACKAGING REQUIREMENTS FOR HAMILTON SUNDSTRAND DE PUERTO RICO FACILITY THE FOLLOWING PACKAGING CRITERIA MUST BE USED TO PREVENT CORROSION & DAMAGE TO THIS ORDER 1) APPLY PRESERVATIVE WHEN REQUIRED.WRAP IN MIL-B-121 GREASE PROOF MARVEL WRAP. 2) BAG PART IN GREASE PROOF MIL-B-121 BAG. CLOSE WITH TAPE, STAPLE, OR HEAT SEAL. 3) UNIT PACK PARTS IN AN APPROPRIATE SIZE PPP-B-636 OR PPP-B-566 CONTAINER. OVER PACK ALL UNIT PACKS IN EXTERIOR PPP-B-636 PACK. 4) CUSHION PARTS IN THE UNIT,INTERMEDIATE AND OVER PACK CONTAINERS AS REQUIRED USING PPP-C-795, PPP-C-834, OR FOAM IN PLACE. NOTE: EQUIVALENT COMMERCIAL PACKAGING MAY BE SUBSTITUTED FOR ABOVE REQUIREMENTS. IF HANDLING AND CORROSION PREVENTION REQUIREMENTS ARE MET.</p>
<p>QR0</p>	<p>THIS ORDER REQUIRES THAT THE SUPPLIER USE THE MOST CURRENT MILITARY AND FEDERAL SPECIFICATIONS RELATING TO NDT AND SPECIAL PROCESSES WHEN PRODUCING THIS PART NUMBER: THE SUPPLIER MAY USE AN INTERNALLY GENERATED SPECIFICATION BUT IT MUST MEET OR EXCEED THE MOST CURRENT MILITARY OR FEDERAL SPECIFICATION AVAILABLE. THE SPECIFICATIONS THAT APPLY TO THIS ORDER ARE AS FOLLOWS: 1) QQ-P-35 PASSIVATION MIL-STD-1595 WELDERS CERTIFICATION</p>
<p>QR1</p>	<p>THIS ORDER REQUIRES THAT THE SUPPLIER USE THE MOST CURRENT MILITARY AND FEDERAL SPECIFICATIONS RELATING TO NDT AND SPECIAL PROCESSES WHEN PRODUCING THIS PART NUMBER. THE SUPPLIER MAY USE AN INTERNALLY GENERATED SPECIFICATION BUT IT MUST MEET OR EXCEED THE MOST CURRENT MILITARY OR FEDERAL SPECIFICATION AVAILABLE. THE SPECIFICATIONS THAT APPLY TO THIS ORDER ARE AS FOLLOWS: 1) MIL-STD-1949 MAGNETIC PARTICLE INSP. 2) MIL-STD-6866 PENETRANT INSPECTION 3) MIL-STD-867 TEMPER ETCH INSPECTION 4) MIL-H-6875 HEAT TREAT 5) MIL-STD-410 NDT PERSONNEL CERTIFICA-</p>

<p>QR2</p>	<p>THIS ORDER REQUIRES THAT THE SUPPLIER USE THE MOST CURRENT MILITARY AND FEDERAL SPECIFICATIONS RELATING TO NDT AND SPECIAL PROCESSES WHEN PRODUCING THIS PART NUMBER: THE SUPPLIER MAY USE AN INTERNALLY GENERATED SPECIFICATION BUT IT MUST MEET OR EXCEED THE MOST CURRENT MILITARY OR FEDERAL SPECIFICATION AVAILABLE. THE SPECIFICATIONS THAT APPLY TO THIS ORDER ARE AS FOLLOWS:</p> <ol style="list-style-type: none"> 1) MIL-STD-1949 MAGNETIC PARTICLE INSP. 2) MIL-STD-867 TEMPER ETCH INSPECTION 3) MIL-STD-6866 PENETRANT INSPECTION 4) MIL-H-6875 HEAT TREAT 5) MIL-STD-410 NDT PERSONNEL CERTIFICA-
<p>QR3</p>	<p>THIS ORDER REQUIRES THAT THE SUPPLIER USE THE MOST CURRENT MILITARY AND FEDERAL SPECIFICATIONS RELATING TO NDT AND SPECIAL PROCESSES WHEN PRODUCING THIS PART NUMBER: THE SUPPLIER MAY USE AN INTERNALLY GENERATED SPECIFICATION BUT IT MUST MEET OR EXCEED THE MOST CURRENT MILITARY OR FEDERAL SPECIFICATION AVAILABLE. THE SPECIFICATIONS THAT APPLY TO THIS ORDER ARE AS FOLLOWS:</p> <ol style="list-style-type: none"> 1) NHB 5300.4(3A-1) SOLDERED ELECTRICAL
<p>QR4</p>	<p>THIS ORDER REQUIRES THAT THE SUPPLIER USE THE MOST CURRENT MILITARY AND FEDERAL SPECIFICATIONS RELATING TO NDT AND SPECIAL PROCESSES WHEN PRODUCING THIS PART NUMBER. THE SUPPLIER MAY USE AN INTERNALLY GENERATED SPECIFICATION BUT IT MUST MEET OR EXCEED THE MOST CURRENT MILITARY OR FEDERAL SPECIFICATION AVAILABLE. THE SPECIFICATIONS THAT APPLY TO THIS ORDER ARE AS FOLLOWS:</p> <ol style="list-style-type: none"> 1) MIL-STD-1595 WELDERS CERTIFICATION 2) MIL-H-6875 HEAT TREAT
<p>QR5</p>	<p>THIS ORDER REQUIRES THAT THE SUPPLIER USE THE MOST CURRENT MILITARY AND FEDERAL SPECIFICATIONS RELATING TO NDT AND SPECIAL PROCESSES WHEN PRODUCING THIS PART NUMBER: THE SUPPLIER MAY USE AN INTERNALLY GENERATED SPECIFICATION BUT IT MUST MEET OR EXCEED THE MOST CURRENT</p>
<p>QRS</p>	<p>THIS ORDER REQUIRES THAT THE SUPPLIER USE THE MOST CURRENT MILITARY AND FEDERAL SPECIFICATIONS RELATING TO NDT AND SPECIAL PROCESSES WHEN PRODUCING THIS PART NUMBER: THE SUPPLIER MAY USE AN INTERNALLY GENERATED SPECIFICATION BUT IT MUST MEET OR EXCEED THE MOST CURRENT MILITARY OR FEDERAL SPECIFICATION AVAILABLE. THE SPECIFICATIONS THAT APPLY TO THIS ORDER ARE AS FOLLOWS:</p> <ol style="list-style-type: none"> 1) QQ-P-35 PASSIVATION 2) MIL-H-6875 HEAT TREAT

<p>QR7</p>	<p>THIS ORDER REQUIRES THAT THE SUPPLIER USE THE MOST CURRENT MILITARY AND FEDERAL SPECIFICATIONS RELATING TO NDT AND SPECIAL PROCESSES WHEN PRODUCING THIS PART NUMBER: THE SUPPLIER MAY USE AN INTERNALLY GENERATED SPECIFICATION BUT IT MUST MEET OR EXCEED THE MOST CURRENT MILITARY OR FEDERAL SPECIFICATION AVAILABLE. THE SPECIFICATIONS THAT APPLY TO THIS ORDER ARE AS FOLLOWS: 1) QQ-P-35 PASSIVATION 2) MIL-H-6875 HEAT TREAT 3) MIL-STD-1595 WELDERS CERTIFICATION</p>
<p>QS1</p>	<p>QS1 - Hamilton Sundstrand San Diego Repair Station Supplier Flowdown Each person who performs maintenance functions, directly or by contract, must comply with the latest revision of ASQR-02 and the requirements below. ASQR-02 supersedes any Purchase Order reference to ASQR-01 when this Note Code is applied. Part Number Suffix: 1. The *OPSDR suffix to the part number on the Purchase Order (PO) indicates the part is being procured with the requirements and/or exceptions listed below: 2. The packing slip shall reference the *OPSDR part number. All other documentation shall reference the part number ONLY. Exception to ASQR-02 - Approved Repair Definition The following Approved Technical data "Commercial" is not authorized unless specified by the Purchase Order: 1. FAA approved Air Carrier Plan 2. Engine Build Standard 3. Engineering Orders (e.g., EA, EO, ESO, etc.) 4. Airframe Maintenance Manuals 5. FAA Designated Engineering Representative (DER) approved data 6. TCA Designated Approval Appointee (DAA) approved data 7. DER approval with FAA Form 8110-3, Statement of Compliance 8. Local Engineering Directives (i.e., IEN, ORI, Fax Information Sheet, HSS-DER, Supplier Repair Requirements [SRR], SCTI, RDTI, ROI) Part Number and Serial Number: 1. Take note of Part Number (PN) and Serial Number (SN) location and marking method. If the PN and/or SN is lost during the repair, reidentify at or near the same location using the same or equivalent marking method. 2. If PN or SN is missing upon receipt, contact the Hamilton Sundstrand Power Systems (HSPS)</p>

<p>buyer for marking instructions.</p> <p>3. When remarking the PN and SN is required, mark WITHOUT the *OPSDR SUFFIX.</p> <p>4. Part Numbers and Serial Numbers cannot be modified unless the P.O. or the Maintenance Manual provides specific direction on when and how to do so. If authorized part number or serial numbers modifications are made, both the old PN/SN and new PN/SN must be recorded on the shipping documentation.</p> <p>5. In the event of a duplication of serial numbers, please contact the buyer for direction.</p> <p>Shop Findings Report: Shop Findings Report (SFR) is required for assemblies that can be torn down, parts removed and replaced, reassembled, tested, etc. SFR's must include information regarding the as-received condition of part, what was wrong with the part (finding), all repairs made, and a list of the items that were removed and replaced.</p> <p>Life Limited Parts and Time/Cycle Tracked Parts:</p> <p>1. Unless required by the Maintenance Manual, do not mark Time Since New (TSN) or Cycles Since New (CSN) on the part.</p> <p>2. TSN shall be rounded to a whole number.</p> <p>3. Marking location and method of TSN and/or CSN shall be per the requirements in the Maintenance Manual and may be a different format than the FAA 8130-3 tag, Block 13 reference.</p> <p>FAA 8130-3 Airworthiness Approval Tag:</p> <p>1. Block 13 must reference Time and Cycle tracked part information when referenced on the Purchase Order. Record TSN/CSN in whole numbers.</p> <p>2. Original copies are required.</p> <p>3. FAA 8130-3 tags with dual certification (JAA or EASA) are required.</p> <p>4. Reference the Hamilton Sundstrand Purchase Order number in Block 5 or Block 13.</p> <p>Military Product: the orders is identified as a military product, a Certificate of Conformance is required in place of an FAA 8130-3 tag.</p> <p>Subcontract Suppliers: certificated repair station may contract a repair function to an outside source provided that work is controlled in accordance with the requirements of FAR Part 145.</p> <p>Non FAR 145 Repairs and Certificate of Conformance:</p> <p>1. A Certificate of Conformance is required if supplier cannot provide an FAA 8130-3 tag.</p> <p>2. Repair Services suppliers (Non FAR 145 repair stations) must provide all original copies of the FAA 8130-3 tags from their subcontractors. It is preferred for Repair Service suppliers to subcontract to FAR 145 repair stations.</p>

	<p>Scrap and Unserviceable Parts:</p> <ol style="list-style-type: none"> 1. If a part is found non-repairable, or is believed to be Beyond Economical Repair (BER), a scrap report is required to be sent to the HSPS buyer for disposition. 2. Scrap and Unserviceable parts shall not be physically scrapped until dispositioned in writing by the HSPS buyer. 3. When authorized, Scrap and Unserviceable parts shall be scrapped locally and not returned to HSPS. 4. Scrap and Unserviceable parts that are returned to HSPS shall be specified in writing in the Purchase Order. <p>Additional Terms and Conditions:</p> <ol style="list-style-type: none"> 1. Pricing must be accepted in writing prior to shipment of parts against this Purchase Order. 2. No partial shipments can be accepted against this Purchase Order without prior authorization by the Buyer. 3. Delivery is a material term of this contract. Repaired part is considered due 30 days from date of issue of P.O. 4. HSPS designated agent for this purchasing contract is the Buyer. No contractual changes can be authorized by other HSPS personnel. 5. The seller is contractually obligated to protect confidential and proprietary information furnished or developed by the parties including limiting the subcontractor access to this information. 6. PIA applies to this Purchase Order.
<p>QS3</p>	<p>SUNDSTRAND SHALL BE NOTIFIED BEFORE THE SOLDERING OF THE COIL AND COIL HOUSING OCCURS. SUNDSTRAND CERTIFICATION LEVEL III QUALITY LEVEL III SHALL WITNESS THE PREPARATION AND ACTUAL SOLDERING OF THE SUBTIER SUPPLIER.</p>
<p>QS9</p>	<p>IN ADDITION TO THE NOTED QUALITY REQUIREMENTS VQA-207 (FIRST ARTICLE AND FROZEN PROCESSING APPROVAL FOR LAMINATED COMPOSITE PARTS) IS APPLICABLE TO THIS ORDER.</p>
<p>QTG</p>	<p>IMPROPER PACKAGING OF COMPONENTS CAN RESULT IN DAMAGE WHICH COULD RESULT IN UNIT FAILURE. REVIEW THE PACKAGING METHODS AND THE PHYSICAL PACKAGING PRIOR TO SHIPMENT.</p>
<p>QTH</p>	<p>SPECIAL PACKAGING REQUIREMENTS: TUBING MUST BE PACKAGED WITH A SOLID FORM PACK THAT CAN NOT ENTER OR LODGE INSIDE THE TUBING.</p>
<p>QTJ</p>	<p>MATCHED SET HARDWARE MUST BE PACKAGED TO PREVENT SEPARATION OF SETS. PLEASE PACKAGE ALL MATCHED SETS IN SUCH A MANNER THAT THE DETAILS CANNOT BE MIXED. BLISTER PACKS, SEALED PLASTIC BAGS OR INDIVIDUAL BOXES WOULD SUFFICE. CARE SHOULD BE UTILIZED TO PROTECT CRITICAL FEATURES.</p>

QT1	THE DESIGN OF THE PART NUMBER APPEARING ON THIS PURCHASE ORDER, ANY ACCEPTANCE TEST PROCEDURES, & OTHER PROCEDURE/SPECIFICATIONS UNIQUE TO THIS ITEM, HAVE BEEN FROZEN. ANY CHANGES TO THIS ITEM OR ITS SUPPORTING SPECIFICATIONS MUST HAVE SUNDSTRAND AND SUNDSTRAND CUSTOMERS APPROVAL PRIOR TO INCORPORATION.
QT3	THE SUPPLIER SHALL MAINTAIN TEST DATA DOCUMENTS OF ALL TEST PARAMETERS NOTED ON THE SUNDSTRAND DRAWING. THE TEST DATA DOCUMENTS SHALL BE RETAINED FOR AT LEAST THREE YEARS FROM DATE RECORDED AND SHALL BE AVAILABLE
QT4	CERTIFICATES OF DRAWING COMPLIANCE SHALL UPON EACH DELIVERY AND WHEN THE PRODUCT IS SERIALIZED, THE CERTIFICATE OF COMPLIANCE NUMBERS.
QT5	***** OUTSIDE OPERATION *****
QV1	THE SUPPLIER QUALITY SYSTEM REQUIREMENT FOR THIS ORDER IS DEFINED AS ASQR-01. THE SUPPLIER IS RESPONSIBLE FOR THE VERIFICATION OF THEIR GOODS AND SERVICES TO THE QUALITY AND INSPECTION REQUIREMENTS. THE SUPPLIER SHALL NOT DELEGATE ANY AUTHORITY TO ANY SUBTIER SUPPLIERS WITHOUT PRIOR WRITTEN APPROVAL BY THE APPROPRIATE HAMILTON SUNDSTRAND QUALITY AUTHORITY. THE CURRENT REVISION OF THE ASQR-01 DOCUMENT MAY BE OBTAINED ON THE UTC
QV2	THE SUPPLIER QUALITY SYSTEM REQUIREMENT FOR THIS ORDER IS DEFINED AS ASQR-01. THE SUPPLIER IS RESPONSIBLE FOR THE VERIFICATION OF THEIR GOODS AND SERVICES TO THE QUALITY AND INSPECTION REQUIREMENTS. THE SUPPLIER SHALL NOT DELEGATE ANY AUTHORITY TO THEIR SUBTIER SUPPLIERS WITHOUT PRIOR WRITTEN APPROVAL BY THE APPROPRIATE HAMILTON SUNDSTRAND QUALITY AUTHORITY. THE ASQR-01 DOCUMENT MAY BE OBTAINED ON THE UTC WEBSITE: HTTPS://SUPPLIERS.UTC.COM/SRS/SQ_LOGIN NOTE: THERE IS AN UNDERSCORE BETWEEN SQ AND LOGIN
QV4	THE QUALITY REQUIREMENT FOR THIS ORDER IS DEFINED AS PQA-004, REV. H, DATED JULY 15, 2008.
QV5	THE QUALITY OF THIS PRODUCT WILL BE MONITORED AT HAMILTON SUNDSTRAND

<p>QV7</p>	<p>THE QUALITY REQUIREMENTS FOR THIS ORDER ARE DEFINED AS THE LATEST REVISION OF PQA-303. KANEY IS REQUIRED TO NOTIFY LMMSC PA REPRESENTATIVE MIKE HOBSON AT 815-394-4248 or AL PERKINS 815-394-2766 A MINIMUM OF 24 HOURS PRIOR TO FLIPPING A UNIT DURING THE 48-HOUR LEAK TEST. NOTIFICATION MAY BE LEFT ON VOICE MAIL OF THE ABOVE PHONE NUMBERS. LEAVE NOTIFICATION ON BOTH NUMBERS IF CONTACT IS NOT MADE. THE NOTIFICATION INFORMATION SHOULD INCLUDE THE UNIT STAGE, SERIAL NUMBER AND APPROXIMATE TIME UNIT WILL BE FLIPPED. HAMILTON SUNDSTRAND PQA COVERAGE AT DALEY WILL REMAIN THE SAME. HAMILTON SUNDSTRAND PQA DOES NOT HAVE TO BE PRESENT WHEN THE UNIT IS FLIPPED. NOTIFICATION OF LMMSC DOES NOT IMPLY WITNESS IS REQUIRED. THE LEAK CHECK PROCESS SHOULD NOT BE DELAYED FOR LACK</p>
<p>QV8</p>	<p>THE SUPPLIER QUALITY SYSTEM REQUIREMENT FOR THIS ORDER IS DEFINED IN THE LATEST REVISION OF PQA-008.</p>
<p>QV9</p>	<p>**** REVISED 04/10/2001 **** THE QUALITY SYSTEM DEFINITION FOR THIS ORDER IS DEFINED AS ASQR-01. THE ASQR-01 DOCUMENT MAY BE OBTAINED ON THE UTC WEBSITE: HTTPS://SUPPLIERS.UTC.COM/SRS/SQ_LOGIN NOTE: THERE IS AN UNDERSCORE BETWEEN SQ AND LOGIN</p>
<p>QW1</p>	<p>THE REQUIREMENTS OF VQA-204 FOR OPERATIONAL MACHINING SUPPLIERS ARE IMPOSED ON THIS PURCHASE ORDER.</p>
<p>QW3</p>	<p>THE REQUIREMENTS OF PQA-020 FOR ACCREDITED MATERIALS TESTING LAB AGREEMENT ARE IMPOSED ON THIS PURCHASE ORDER. THIS AGREEMENT DOES NOT SUPERSEDE OR CANCEL ANY SPECIAL CONTRACTUAL OBLIGATIONS IMPOSED BY PURCHASE ORDER, DRAWING OR APPLICABLE SPECIFICATIONS.</p>
<p>QW4</p>	<p>DIMENSIONAL ACCEPTANCE OF HARDWARE WILL BE BY CERTIFICATION.</p>
<p>QW8</p>	<p>THE FOLLOWING CERTIFICATIONS AND REPORTS ARE TO BE SHIPPED WITH EACH ORDER OF HARDWARE: 1. CAPABILITY CERTIFICATION REPORT. EACH FASTENER MANUFACTURER/DISTRIBUTOR SHALL SUBMIT EVIDENCE TO THE PURCHASER THAT THE MANUFACTURER HAS PRODUCED FASTENERS OF THE SAME BASIC PART NUMBER, DIAMETER AND MATERIAL AS THOSE ON THIS PURCHASE ORDER, WHICH MET THE REQUIREMENTS OF SPECIFICATION NAS 621 AND THAT THE MANUFACTURER HAS THE FACILITIES AND QUALITY CONTROL ORGANIZATION TO INSURE CONTINUED PRODUCTION OF SATISFACTORY FASTENERS, THIS EVIDENCE SHALL BE IN THE FORM OF TEST REPORTS FROM A QUALIFIED LABORATORY COVERING ALL TESTS REQUIRED BY NAS 621. 2. ACCEPTANCE INSPECTION REPORT. EACH SHIPMENT OF FASTENERS SHALL BE ACCOMPANIED SIGNED BY AN AUTHORIZED REPRESENTATIVE OF THE MANUFACTURER WHICH STATES THAT THE HARDWARE SHIPPED WAS MANUFACTURED,</p>

	<p>INSPECTED AND ACCEPTED IN ACCORDANCE WITH THE REQUIREMENTS OF NAS 621, AND THAT THE MATERIAL, TREATMENT, INSPECTION AND MANUFACTURING PROCEDURES ARE THE SAME AS THOSE USED FOR THE FASTENERS ON WHICH CAPABILITY CERTIFICATION IS BASED. (IF NON-GRIP FASTENERS ARE SHIPPED, THE EXISTENCE OF CAPABILITY CERTIFICATIONS FOR A COMPARABLE HEAD STYLE AND THREAD SIZE IN A GRIP TYPE FASTENER SHALL BE CONSIDERED ACCEPTABLE.) THE REPORT SHALL ALSO CONTAIN ACTUAL PHYSICAL/CHEMICAL TEST RESULTS, IDENTIFIED BY PART NUMBER, INSPECTION LOT NUMBER AND MATERIAL STATEMENT SHALL BE INCLUDED THAT METALLURGICAL MOUNTS ARE AVAILABLE ON REQUEST FOR THE INSPECTION LOT, OR LOTS, FROM WHICH THE SHIPMENT WAS MADE.</p>
QW9	<p>A 100% DIMENSIONAL INSPECTION IS REQUIRED ON EACH PART SHIPPED ON THIS ORDER. A COPY OF YOUR FINAL INSPECTION DATA LIST VERIFYING THE 100% INSPECTION MUST BE TRANSMITTED TO HAMILTON SUNDSTRAND WITH THE HARDWARE.</p>
Q0Q	<p>FOR USE IN HUMAN SPACE FLIGHT; MATERIALS, MANUFACTURING, AND WORKMANSHIP OF HIGHEST QUALITY STANDARDS ARE ESSENTIAL TO ASTRONAUT SAFETY.</p> <p>IF YOU ARE ABLE TO SUPPLY THE DESIRED ITEM WITH A HIGHER QUALITY THAN THAT OF THE ITEMS SPECIFIED OR PROPOSED, YOU ARE REQUESTED TO BRING THIS FACT TO THE IMMEDIATE ATTENTION OF THE PURCHASER.</p>
Q00	<p>APPENDIX R, REV. P DATED JULY 15, 2008, IS APPLICABLE TO THIS ORDER. SEE THE QR CODE FOR THE APPROPRIATE CLAUSE.</p> <p>***** NOTE *****</p> <p>HAMILTON SUNDSTRAND OR ANY HAMILTON SUNDSTRAND CUSTOMER REPRESENTATIVE AS WELL AS THE GOVERNMENT HAS THE RIGHT TO INSPECT ANY OR ALL OF THE WORK INCLUDED IN THIS ORDER AT THE SUPPLIERS FACILITY.</p>
Q01	<p>IMPORTANT: QUALITY CODE QR01 APPLIES TO THIS ORDER. REFER TO APPENDIX 'R' FOR QUALITY REQUIREMENTS.</p>
Q02	<p>IMPORTANT: QUALITY CODE QR02 APPLIES TO THIS ORDER. REFER TO APPENDIX 'R' FOR QUALITY REQUIREMENTS.</p>
Q03	<p>IMPORTANT: QUALITY CODE QR03 APPLIES TO THIS ORDER. REFER TO APPENDIX 'R' FOR QUALITY REQUIREMENTS.</p>
Q04	<p>IMPORTANT: QUALITY CODE QR04 APPLIES TO THIS ORDER. REFER TO APPENDIX 'R' FOR QUALITY REQUIREMENTS.</p>

Q05	IMPORTANT: QUALITY CODE QR05 APPLIES TO THIS ORDER. REFER TO APPENDIX 'R' FOR QUALITY REQUIREMENTS.
Q06	IMPORTANT: QUALITY CODE QR06 APPLIES TO THIS ORDER. REFER TO APPENDIX 'R' FOR QUALITY REQUIREMENTS.
Q07	IMPORTANT: QUALITY CODE QR07 APPLIES TO THIS ORDER. REFER TO APPENDIX 'R' FOR QUALITY REQUIREMENTS.
Q08	IMPORTANT: QUALITY CODE QR08 APPLIES TO THIS ORDER. REFER TO APPENDIX 'R' FOR QUALITY REQUIREMENTS.
Q09	IMPORTANT: QUALITY CODE QR09 APPLIES TO THIS ORDER. REFER TO APPENDIX 'R' FOR QUALITY REQUIREMENTS.
Q1B	RAW MATERIAL CHEMICAL AND PHYSICAL TEST REPORTS MUST BE TRANSMITTED WITH EACH SHIPMENT OF HARDWARE.
Q1C	RAW MATERIAL CHEMICAL AND PHYSICAL TEST REPORTS FOR THE SPRING(P/N168152-9001), BODY (P/N190162-9002) AND STEM(P/N191055-9001) MUST BE TRANSMITTED WITH EACH SHIPMENT OF HARDWARE.
Q1D	RAW MATERIAL CHEMICAL AND PHYSICAL TEST REPORTS FOR THE CATALYST(P/N90025-606) AND THE INJECTOR TUBE(P/N27589-101) MUST BE TRANSMITTED WITH EACH SHIPMENT OF HARDWARE.
Q1E	RAW MATERIAL CHEMICAL AND PHYSICAL TEST REPORTS FOR THE SPRING(SYMETRICS P/N 5153-02) MUST BE SUBMITTED WITH EACH SHIPMENT OF HARDWARE.
Q1G	FORM QA5-88-1250 IS TO BE COMPLETED FOR EACH SERVOVALVE RETURNED ON THIS PURCHASE ORDER. INSTRUCTIONS FOR COMPLETING THE FORM AND THE RECIPIENT OF THE FORM APPEAR ON THE BACK SIDE OF PAGE 2. ABEX AEROSPACE QA AND HAMILTON SUNDSTRAND PQA REP SIGNATURES ARE REQUIRED.
Q1H	A DOCUMENTED OVERCHECK INSPECTION REPORT IS REQUIRED PER ORDER FOR THE FOLLOWING DRAWING CHARACTERISTICS LISTED ON THE OVERCHECK INSPECTION LIST ATTACHED TO THIS ORDER. CONTACT YOUR HAMILTON SUNDSTRAND BUYER FOR A COPY OF THE OVERCHECK LIST.
Q1K	RAW MATERIAL CHEMICAL AND PHYSICAL TEST REPORTS FOR RELIEF VALVE POPPET (P/N 32644T6) POPPET STEM (P/N 32742T6) AND SPRING (P/N 32745) MUST BE TRANSMITTED WITH EACH SHIPMENT OF HARDWARE.
Q1P	IMPORTANT: QUALITY CODE QL01 APPLIES TO THIS REQUIREMENTS.

<p>Q1R</p>	<p>1RELIABILITY MANAGEMENT: THE SUPPLIER SHALL 1MAINTAIN A RELIABILITY ACTIVITY PLANNED AND 1DEVELOPED IN CONJUNCTION WITH OTHER SUPPLIER 1ELEMENTS. RELIABILITY FUNCTIONS SHALL BE AN 1INTEGRAL PART OF THE DESIGN AND DEVELOPMENT 1PROCESS AND SHALL INCLUDE THE EVALUATION OF 1HARDWARE RELIABILITY THROUGH A PROGRAM OF 1ANALYSIS, REVIEW AND ASSESSMENT. TIMELY 1STATUS REPORTING WILL BE UTILIZED TO 1FACILITATE CONTROL OF THE RELIABILITY EFFORT. 1 1THE SUPPLIER SHALL VERIFY THE RELIABILITY OF 1HARDWARE ELEMENTS OBTAINED FROM THEIR 1SUB-TIER SUPPLIERS MEETS THE RELIABILITY 1REQUIREMENTS OF THEIR PROCUREMENT 1SPECIFICATION. THIS APPLIES TO ANY ITEM 1OBTAINED FROM A SUB-TIER SUPPLIER OR 1INTRACOMPANY RESOURCES. THE SUPPLIER SHALL 1PROVIDE REQUIREMENTS, GUIDANCE, AND CONTROLS 1TO VERIFY THE ADEQUACY OF SUB-TIER SUPPLIER 1AND INTRACOMPANY RELIABILITY IMPLEMENTATION. 1THE LEVEL OF RELIABILITY REQUIREMENTS 1IMPOSED ON THE SUB-TIER SUPPLIERS AND INTRA- 1COMPANY RESOURCES SHALL BE APPROPRIATELY 1TAILORED TO MEET PROGRAM REQUIREMENTS. 1 1HAMILTON SUNDSTRAND RESERVES THE RIGHT 1TO CONDUCT RELIABILITY AUDITS AT THE PRIMARY 1SUPPLIERS WHEN DEEMED APPROPRIATE.</p>
<p>Q10</p>	<p>IMPORTANT: QUALITY CODE QR10 APPLIES TO THIS ORDER. REFER TO APPENDIX 'R' FOR QUALITY REQUIREMENTS.</p>
<p>Q11</p>	<p>IMPORTANT: QUALITY CODE QR11 APPLIES TO THIS ORDER. REFER TO APPENDIX 'R' FOR QUALITY REQUIREMENTS.</p>
<p>Q12</p>	<p>IMPORTANT: QUALITY CODE QR12 APPLIES TO THIS ORDER. REFER TO APPENDIX 'R' FOR QUALITY REQUIREMENTS.</p>
<p>Q13</p>	<p>IMPORTANT: QUALITY CODE QR13 APPLIES TO THIS ORDER. REFER TO APPENDIX 'R' FOR QUALITY REQUIREMENTS.</p>
<p>Q14</p>	<p>IMPORTANT: QUALITY CODE QR14 APPLIES TO THIS ORDER. REFER TO APPENDIX 'R' FOR QUALITY REQUIREMENTS.</p>
<p>Q15</p>	<p>IMPORTANT: QUALITY CODE QR15 APPLIES TO THIS ORDER. REFER TO APPENDIX 'R' FOR QUALITY REQUIREMENTS.</p>
<p>Q16</p>	<p>IMPORTANT: QUALITY CODE QR16 APPLIES TO THIS ORDER. REFER TO APPENDIX 'R' FOR QUALITY REQUIREMENTS.</p>
<p>Q17</p>	<p>IMPORTANT: QUALITY CODE QR17 APPLIES TO THIS ORDER. REFER TO APPENDIX 'R' FOR QUALITY REQUIREMENTS.</p>
<p>Q18</p>	<p>IMPORTANT: QUALITY CODE QR18 APPLIES TO THIS</p>

	ORDER. REFER TO APPENDIX 'R' FOR QUALITY.
Q19	IMPORTANT: QUALITY CODE QR19 APPLIES TO THIS ORDER. REFER TO APPENDIX 'R' FOR QUALITY REQUIREMENTS.
Q2A	FIRST ARTICLE INSPECTION REQUIRED FOR PLASTIC AND COMPOSITE MOLDED
Q2B	A CERTIFICATE OF COMPLIANCE TO MIL-P-13949G IS A REQUIREMENT OF THIS PURCHASE ORDER. THIS CERTIFICATION MUST INCLUDE LOT NUMBER AND ACCOMPANY EACH SHIPMENT OF MATERIAL.
Q2C	NOTWITHSTANDING ANY OTHER PROVISIONS OF THIS ORDER OR REFERENCED SPECIFICATIONS, MATERIAL FURNISHED BY SELLER SHALL NOT CONTAIN FUNCTIONAL MERCURY OF MERCURY COMPOUNDS AND SHALL BE FREE OF MERCURY CONTAMINATION. MATERIALS FURNISHED SHALL NOT HAVE COME IN DIRECT CONTACT WITH MERCURY OR MERCURY COMPOUNDS NOR WITH MERCURY CONTAINING DEVICES /EQUIPMENT WHICH COULD CAUSE CONTAMINATION DURING MANUFACTURING, ASSEMBLY, TESTING OR INSPECTION. THIS CLAUSE SHALL BE INCLUDED IN ANY SUBCONTRACT ISSUED UNDER THIS PURCHASE ORDER.
Q2D	THE RAW MATERIAL USED FOR THE MANUFACTURE OF P/N 5658140 MUST BE MAGNETIC PARTICLE INSPECTED PER AMS2300F PRIOR TO MACHINING. THIS REQUIREMENT IS IN ADDITION TO THE MPI REQUIRED BY DRAWING ON THE FINISHED PRODUCT. INCLUDE THE RAW MATERIAL MPI ON FORMAT A.
Q2F	**** TORLON MATERIAL TESTING **** PRODUCT ON THIS PURCHASE ORDER REQUIRE GLASS TRANSITION TEMPERATURE TESTING. SUPPLIERS ARE REQUESTED TO SUBMIT TWO SAMPLE PARTS TO THE SUNDSTRAND BUYER FOR SUNDSTRAND MATERIALS LAB TG TESTING PER MS29.04. YOUR PRODUCTION ORDER MUST INCLUDE A COPY OF THE SUNDSTRAND TEST REPORT DOCUMENTING ACCEPTABLE TG RESULTS. *****

<p>Q2G</p>	<p>** Q2G SUPERCEDES S2D AS OF MAY 1999 ** SUPPLIERS MANUFACTURING PRODUCT TO A HAMILTON SUNDSTRAND ENGINEERING DRAWING OR SPECIFICATION REQUIRING SPECIAL PROCESSES OR NONDESTRUCTIVE TESTING, SHALL USE HAMILTON SUNDSTRAND APPROVED SUPPLIERS FOR THOSE SERVICES UNDER THE FOLLOWING CONDITIONS. 1) HAMILTON SUNDSTRAND DESIGNED PRODUCT A HAMILTON SUNDSTRAND DESIGNED PRODUCT WITH THE SPECIAL PROCESS OR NONDESTRUCTIVE TEST SPECIFICATION AND APPLICABLE PROCESS CODE FOUND IN THE HAMILTON SUNDSTRAND APPROVED SPECIAL PROCESSES 1 AND NONDESTRUCTIVE TESTING BOOK. 2) SOURCE CONTROLLED PRODUCT SOURCE CONTROLLED PRODUCT WITH THE SPECIAL PROCESS OR NONDESTRUCTIVE TEST DEFINED BY A HAMILTON SUNDSTRAND SPECIFICATION WITH THAT SPECIFICATION AND APPLICABLE PROCESS CODE FOUND IN THE HAMILTON SUNDSTRAND APPROVED SPECIAL PROCESSES AND NONDESTRUCTIVE TESTING BOOK. THE USE OF AN UNAPPROVED SUPPLIER UNDER THE CONDITIONS DEFINED MAY RESULT IN THE CANCELLATION OF THE PURCHASE ORDER.</p>
<p>Q20</p>	<p>IMPORTANT: QUALITY CODE QR20 APPLIES TO THIS ORDER. REFER TO APPENDIX 'R' FOR QUALITY REQUIREMENTS.</p>
<p>Q21</p>	<p>IMPORTANT: QUALITY CODE QR21 APPLIES TO THIS ORDER. REFER TO APPENDIX 'R' FOR QUALITY REQUIREMENTS.</p>
<p>Q22</p>	<p>IMPORTANT: QUALITY CODE QR22 APPLIES TO THIS ORDER. REFER TO APPENDIX 'R' FOR QUALITY REQUIREMENTS.</p>
<p>Q23</p>	<p>IMPORTANT: QUALITY CODE QR23 APPLIES TO THIS ORDER. REFER TO APPENDIX 'R' FOR QUALITY REQUIREMENTS.</p>
<p>Q24</p>	<p>IMPORTANT: QUALITY CODE QR24 APPLIES TO THIS ORDER. REFER TO APPENDIX 'R' FOR QUALITY REQUIREMENTS.</p>
<p>Q25</p>	<p>IMPORTANT: QUALITY CODE QR25 APPLIES TO THIS ORDER. REFER TO APPENDIX 'R' FOR QUALITY REQUIREMENTS.</p>
<p>Q26</p>	<p>IMPORTANT: QUALITY CODE QR26 APPLIES TO THIS ORDER. REFER TO APPENDIX 'R' FOR QUALITY REQUIREMENTS.</p>
<p>Q27</p>	<p>IMPORTANT: QUALITY CODE QR27 APPLIES TO THIS ORDER. REFER TO APPENDIX 'R' FOR QUALITY REQUIREMENTS.</p>
<p>Q28</p>	<p>IMPORTANT: QUALITY CODE QR28 APPLIES TO THIS ORDER. REFER TO APPENDIX 'R' FOR QUALITY REQUIREMENTS.</p>

Q29	IMPORTANT: QUALITY CODE QR29 APPLIES TO THIS ORDER. REFER TO APPENDIX 'R' FOR QUALITY REQUIREMENTS.
Q3A	MCAIR SOURCE INSPECTION IS A REQUIREMENT ON THIS ORDER. MCAIR ALSO RESERVES THE RIGHT TO WITNESS ALL QUALIFICATION TESTING, SAFETY OF FLIGHT TESTING, FIRST ARTICLE INSPECTION AND FINAL ACCEPTANCE TESTING, CONTACT MCDONNELL DOUGLAS CORPORATION, AIRCRAFT DIVISION, ST. LOUIS, MO, GARY DENNY 314/777-5951 FOR THE NAME OF THE PERSON SERVICING YOUR FACILITY AND THE REQUIRED NOTIFICATION TIMES.
Q3S	**** NOTICE **** NOTICE **** NOTICE **** THE COMPONENT ON THIS PURCHASE ORDER IS REFER TO SUNDSTRAND CP02.10-01 AND OR CP02.11-01 WHEN THE ENGINEERING PRINT THE ENTIRE MANUFACTURING PROCESS FOR HIGH RELIABILITY ITEMS MUST BE SUBMITTED FOR THE REVIEW OF SUNDSTRAND PROJECT ENGINEERING. THE PROCESS IS TO BE SUBMITTED TO SUNDSTRAND THROUGH THE BUYER. THE DOCUMENTS WHICH WILL BE FROZEN UPON APPROVAL WILL BE IDENTIFIED AFTER THE HAMILTON SUNDSTRAND REVIEW.
Q30	IMPORTANT: QUALITY CODE QR30 APPLIES TO THIS ORDER. REFER TO APPENDIX 'R' FOR QUALITY REQUIREMENTS.
Q31	IMPORTANT: QUALITY CODE QR31 APPLIES TO THIS ORDER. REFER TO APPENDIX 'R' FOR QUALITY REQUIREMENTS.
Q32	IMPORTANT: QUALITY CODE QR32 APPLIES TO THIS ORDER. REFER TO APPENDIX 'R' FOR QUALITY REQUIREMENTS.
Q36	A PRODUCT AUDIT SHALL BE PERFORMED ON AN ANNUAL BASIS TO ASSURE COMPLIANCE TO THE CONTRACTUAL REQUIREMENTS THROUGHOUT THE LIFE OF THE PROGRAM. THE PRODUCT AUDIT SHALL START IN THE CALENDAR YEAR FOLLOWING THE COMPLETION OF THE FIRST ARTICLE INSPECTION OF THE PART NUMBER. THE PRODUCT AUDIT SHALL CONSIST OF A 100 PERCENT INSPECTION OF A RANDOMLY SELECTED PART ONCE EACH CALENDAR YEAR. THE INSPECTION RESULTS ARE TO BE DOCUMENTED ON A MARKED-UP SUNDSTRAND ENGINEERING DRAWING OF THE CURRENT REVISION. THE MARKED-UP DRAWING SHALL BE IS TO BE SENT TO HAMILTON SUNDSTRAND, 4747 HARRISON AVENUE, DEPT. 291-6, ATTN: TRIDENT II D5 QA ENGINEER, ROCKFORD, IL 61125.
Q37	THE REQUIREMENTS OF PQA-042 FOR ACCREDITED DISTRIBUTORS WHO SUPPLY STANDARD HARDWARE FOR THE SUPPLIER STOCKED INVENTORY (SSI) PROGRAM ARE IMPOSED ON THIS PURCHASE ORDER.

<p>Q4A</p>	<p>*****</p> <p>THIS PARAGRAPH DEFINES THE RECEIVING INSPECTION REQUIREMENTS FOR MACHINING FACILITIES BUYING CASTINGS.</p> <p>*****</p> <p>THE SUPPLIER IS TO DEVELOP A GENERIC RECEIVING INSPECTION PLAN COVERING SUCH ITEMS AS: DIMENSIONAL INSPECTION TO THIER OWN REQUIREMENTS, THE REVIEW OF CHEMICAL, PHYSICAL AND NDT CERTS FOR COMPLIANCE TO REQUIRED CLASS AND GRADE. CASTINGS WITH CORED PASSAGES SHALL BE VERIFIED. THIS PLAN SHALL BE AVAILABLE FOR HAMILTON SUNDSTRAND PQA REVIEW UPON REQUEST.</p> <p>A RECEIVING LOG BOOK CONTAINING: THE DATE RECEIVED, PART NUMBER, REVISION ,QUANTITY AND YOUR PURCHASE ORDER NUMBER AND THE SUNDSTRAND PURCHASE ORDER SHALL BE KEPT. THE BOOK SHALL BE MADE AVAILABLE FOR SUNDSTRAND AUDIT.</p> <p>UPON RECEIPT OF THE CASTINGS THE MACHINE FACILITY SHALL VERIFY COUNT, PART NUMBER, AND REVISION LETTER AS NOTED ON THE SUNDSTRAND PO THIS INFORMATION SHALL BE SHOWN ON THE MACHINED TARGETS OR TOOLING POINTS, WHEN PROVIDED, SHALL BE UTILIZED FOR INITIAL MACHINING TARGETS.</p> <p>ALL CASTING CERTS, RADIOGRAPHIC FILM, WELD SKETCHES, ETC. ARE TO BE RETAINED BY THE MACHINE HOUSE FOR SEVEN YEARS. THESE FILES ARE SUBJECT TO AUDITS.</p> <p>CAST DEFECTS WHICH ARE NOTED UPON RECEIPT SHALL BE RESOLVED BY THE MACHINE HOUSE AND THE FOUNDRY.</p> <p>FOR CAST DEFECTS SHALL HAVE THE CAUSE AND CORRECTIVE ACTON PROVIDED FROM THE CASTING FACILITY.</p> <p>ALL NONCONFORMANCES, MACHINED OR CAST, ARE THE RESPONSIBILITY OF THE MACHINE HOUSE, AND WILL BE CHARGED TO THEIR QUALITY RATING.</p> <p>OVERCHECK OF TEST BARS AND DISCS ARE NOT REQUIRED UNLESS SPECIFIED ON THE DRAWING.</p> <p>CONTACT YOUR BUYER WITH QUESTIONS.</p>
<p>Q4B</p>	<p>THE P4229 CARBON MATERIAL FOR THE FACE SEAL MUST BE PURCHASED FROM PURE CARBON COMPANY IN BE TRANSMITTED WITH EACH SHIPMENT OF HARDWARE TO SUNDSTRAND. A COPY OF THE MATERIAL CERT IS ALSO TO BE FORWARDED TO TOM NELSON, DEPT 701, HAMILTON SUNDSTRAND, 8975 BALBOA AVE., P.O. BOX 23419, SAN DIEGO, CA 92123.</p> <p>THE SUPPLIER HAS NO MRB AUTHORITY ON THE FACE SEAL ASSEMBLIES OR THE PIECE PARTS THAT MAKE UP THE ASSEMBLY. A CERTIFICATION VERIFYING NO MRB ACTION BY THE SUPPLIER MUST BE SENT FOR EACH SHIPMENT TO TOM NELSON AT THE ADDRESS NOTED ABOVE.</p>

<p>Q4D</p>	<p>A PRODUCT AUDIT SHALL BE PERFORMED ON AN ANNUAL BASIS TO ASSURE COMPLIANCE TO THE CONTRACTUAL REQUIREMENTS THROUGHOUT THE LIFE OF THE PROGRAM. THE PRODUCT AUDIT SHALL START IN THE CALENDAR YEAR FOLLOWING THE COMPLETION OF THE FIRST ARTICLE INSPECTION OF THE PART NUMBER. THE PRODUCT AUDIT SHALL CONSIST OF A 100 PERCENT INSPECTION OF A RANDOMLY SELECTED PART ONCE EACH CALANDAR YEAR. THE INSPECTION RESULTS ARE TO BE DOCUMENTED ON A MARKED-UP SUNDSTRAND ENGINEERING DRAWING OF THE CURRENT REVISION. THE MARKED-UP DRAWING SHALL BE IS TO BE SENT TO SUNDSTRAND, 4747 HARRISON AVE. PO BOX 7002 ROCKFORD, IL 61125. ATTN: TRIDENT II D5 PQA ENGINEER, DEPT 419-6.</p>
<p>Q4E</p>	<p>HEAT TREAT SAMPLES 1. A CARBURIZED SAMPLE OF EACH HEAT MUST BE SUBMITTED BEFORE SHIPMENT TO CHECK APPLIED CASE DEPTH ACCOMPANIED WITH STATEMENT SHOWING QUANTITY IN HEAT, SUNDSTRAND ATG PART 2. WHEN FIRST SHIPMENT FROM EACH HEAT IS MADE, A SAMPLE HAVING SOME FINISH MACHINED SURFACES SHALL ACCOMPANY PART WITH CERTIFIED STATEMENT GIVING INFORMATION AS IN (1) ABOVE AND THAT ALL PARTS IN THE SHIPMENT COMPLY. 3. EACH SUBSEQUENT SHIPMENT FROM SAME HEAT MUST BE ACCOMPANIED BY ANOTHER SAMPLE OR STATEMENT TO CERTIFY HEAT AND SAMPLE COVERING THE PARTS IN THE SHIPMENT.</p>
<p>Q4F</p>	<p>PLATING SAMPLE A PLATING SAMPLE IS REQUIRED FROM EACH PLATED LOT. THE SAMPLE MAY BE A SCRAP PART OR</p>

<p>Q4G</p>	<p>**** ACCEPTANCE AT SUNDSTRAND **** ACCEPTANCE AT SOURCE BY SUNDSTRAND IS A REQUIRED SERVICE OF THIS PURCHASE ORDER. PRIOR TO PLATING AND COATING OPERATIONS AND FINAL, THE SUPPLIER MUST NOTIFY THE REGIONAL PROCUREMENT QUALITY ASSURANCE OFFICE NOT LESS THAN SEVENTY-TWO (72) HOURS PRIOR TO THE ANTICIPATED PLATING OR COATING OPERATION AND SHIPMENT DATE. IT IS EXPECTED THAT THE LOT WILL HAVE UNDERGONE ALL REQUIRED PROCESSING, INSPECTION AND TESTS AT THE TIME OF NOTIFICATION UNLESS SIMULTANEOUS INSPECTION WITH THE SUPPLIER HAS BEEN COORDINATED. THE SUPPLIER WITHOUT ADDITIONAL COSTS SHALL PROVIDE ALL REASONABLE FACILITIES AND ASSISTANCE FOR THE SAFE AND CONVENIENT COMPLETION OF THIS TASK. AT THE TIME OF ACCEPTANCE AT SOURCE, THE SUPPLIER WILL MAKE AVAILABLE TO THE QUALITY REPRESENTATIVE COPIES OF ALL DRAWINGS, SPECS, AND PERTINENT DATA IN SUPPORT OF THE INSPECTION LOT. SUCH ACCEPTANCE AT SOURCE IS A SERVICE WHICH DOES NOT RELIEVE THE SUPPLIER OF ANY CONTRACTUAL RESPONSIBILITY RELATED TO THE INSPECTION LOT. PLEASE CONTACT THE REGIONAL PROCUREMENT QUALITY OFFICE AT: 1-800-825-8313 . IF FOR ANY REASON CONTACT CANNOT BE MADE USING THE ABOVE PHONE NO., CALL YOUR BUYER.</p>
<p>Q4H</p>	<p>** IMPORTANT NOTICE ** IMPORTANT NOTICE ** DURING PERFORMANCE OF THIS ORDER RESULTS OF ALL INSPECTIONS (NDT,HEAT TREATMENT,PLATING AND COATING AND DIMENSIONAL) SHALL BE RECORDED. A FRACTURE CRITICAL LOG (SUNDSTRAND FORM# 102021) IS TO BE GENERATED TO DOCUMENT THE INSPECTIONS PERFORMED, DAY INSPECTED AND THE INSPECTION RESULTS. *****</p>
<p>Q4S</p>	<p>THE SUNDSTRAND GENERATED CHECKLIST PROVIDED TO VERIFY THE ABSENCE OF VISUAL DEFECTS IS TO BE COMPLETED FOR EACH CONTACTOR SHIPMENT ON THIS PURCHASE ORDER. A COPY OF THE COMPLETED CHECKLIST IS TO BE MAINTAINED WITH THE FINAL INSPECTION DATA AT YOUR FACILITY.</p>
<p>Q4W</p>	<p>** Q4W SUPERCEDES W4S AS OF MAY 2001 ** HAMILTON SUNDSTRAND SPECIFICATION REVISION LEVELS: TO DETERMINE REVISION LEVELS OF SPECIFICATIONS CALLED OUT ON THE ENGINEERING DRAWING: YOU WILL NEED TO CHECK THE HAMILTON SUNDSTRAND SUPPLIER WEB SITE. A PASSWORD IS REQUIRED FROM YOUR BUYER. THE WEBSITE IS: www.HSSUPPLIERPORTAL.com CLICK ON DOCUMENT REVISIONS ON LEFT</p>

	<p>ENTER SPECIFICATION AND PRESS SEARCH REVISION LEVELS MUST BE MET OR EXCEEDED EXCEPT FOR RAW MATERIAL. RAW MATERIAL CERTIFICATIONS MUST REFLECT THE REVISION LEVEL AT WHICH THE MATERIAL WAS CERTIFIED. IF YOU DID NOT RECEIVE SPECIFICATIONS WITH THE ORDER, IT IS ASSUMED THAT THE LATEST REVISION IS IN YOUR POSSESSION. PLEASE VERIFY THAT THE SPECIFICATIONS ARE AT THE APPROPRIATE REVISION LEVELS.</p> <p>IF YOU ARE NOT IN POSSESSION OF THE PROPER SPECIFICATION, IT IS YOUR RESPONSIBILITY TO OBTAIN THE CORRECT SPECIFICATION. HAMILTON SUNDSTRAND SPECIFICATIONS MAY BE REQUESTED THROUGH YOUR SUNDSTRAND BUYER.</p> <p>MILITARY, FEDERAL AND INDUSTRY SPECIFICATIONS MUST BE OBTAINED THROUGH THE THE APPROPRIATE PRINTING OFFICE AND ARE NOT AVAILABLE FROM HAMILTON SUNDSTRAND. SUPPLIERS SHOULD USE THE CURRENT REVISION UNLESS OTHERWISE SPECIFIED ON THE PURCHASE ORDER OR DRAWING. FOR AN, MS, NAS AND MIL SPEC HARDWARE, IT IS PREFERRED THAT THE LATEST REVISION IN EFFECT BE SUPPLIED. IF EXISTING STOCK NEEDS TO BE SUPPLIED, THE REQUIREMENTS OF THE LATEST REVISION SHALL BE MET. (I.E. TENSILE, SHEER</p>
<p>Q4Y</p>	<p>REVISED March 2010 * * * * * SOURCE INSPECTION * * * * * ACCEPTANCE AT SOURCE INSPECTION BY HAMILTON SUNDSTRAND, DQR, OR A THIRD PARTY SOURCE INSPECTOR (I.E. UNITEK TECHNICAL SERVICES) IS A REQUIREMENT OF THIS PURCHASE ORDER. USE OF A DQR IS NOT ALLOWED IF STATED AS SUCH ON THE PURCHASE ORDER. IT IS EXPECTED THAT THE INSPECTION LOT WILL HAVE UNDERGONE ALL REQUIRED PROCESSING, INSPECTION, AND TESTING PRIOR TO THE REQUEST FOR SOURCE INSPECTION DISPOSITION UNLESS SIMULTANEOUS INSPECTION WITH THE SUPPLIER HAS BEEN COORDINATED. COPIES OF ALL DRAWINGS, SPECIFICATIONS, AND PERTINENT DATA IN SUPPORT OF THE INSPECTION LOT SHOULD BE MADE AVAILABLE TO THE SOURCE INSPECTOR. THE SUPPLIER WITHOUT ADDITIONAL COST SHALL PROVIDE ALL REASONABLE FACILITIES AND ASSISTANCE FOR THE SAFE AND CONVENIENT COMPLETION OF THIS TASK. ***** LONG TERM AGREEMENTS/SPOT PURCHASE ORDERS ***** IF THE SUPPLIER HAS A HS DQR, THE DQR SHALL COMPLETE THE INSPECTION AND THE E-SILK TRANSACTION. IF A DQR IS NOT AVAILABLE, THE SUPPLIER MUST REQUEST SOURCE INSPECTION FROM UNITEK TECHNICAL SERVICES. ***** ** PERK ORDERS * * * * * SUPPLIERS PROCESSING A PROCUREMENT ELECTRONIC REPLENISHMENT KANBAN AGREEMENT (PERK) WILL USE THE RELEASE TO DETERMINE WHETHER THE LOT REQUIRES A SOURCE INSPECTION 'AUDIT'. ACCEPTANCE AT SOURCE IS A SERVICE WHICH DOES NOT RELIEVE THE SUPPLIER OF ANY CONTRACTUAL RESPONSIBILITIES RELATED TO THE INSPECTION LOT. SUPPLIERS SHOULD CONTACT UNITEK</p>
<p>Q41</p>	<p>1CUSTOMER SOURCE INSPECTION IS A REQUIREMENT 1OF THIS PURCHASE ORDER AGREEMENT. PLEASE 1CONTACT BOEING/DOUGLAS PRODUCTS DIVISION.</p>
<p>Q49</p>	<p>LEADED COMPONENTS SHALL BE TAPED PER *EIA 296 D - INSIDE SPACING SHALL BE 2.000 MINIMUM. SMT COMPONENTS SHALL BE TAPED PER *EIA 481</p>

Q5B	INSPECTION RECORDS AND ACTUAL TEST REPORTS FOR SPECIAL PROCESSES AND NON-DESTRUCTIVE TESTS MUST BE SUBMITTED WITH EACH SHIPMENT OF PARTS ON THIS ORDER.
Q5C	PROCUREMENT OF DRAWING NO. 5902310 AS SPECIFIED ON THIS PURCHASE ORDER REQUIRES SCREENING, GROUP A, B AND C QUALITY CONFORMANCE INSPECTION AND TESTING PER THE REQUIREMENTS OF THIS DRAWING. TEST DATA IS REQUIRED.
Q5R	Form SLS1049, entitled "Trident II D5 Supplier Final Inspection Checklist" shall be completed for each shipment of hardware on this order. The completed form shall remain on file at your facility for Hamilton Sundstrand review.
Q5S	THE REQUIREMENTS OF PQA-040 REVISION * ARE IMPOSED ON THIS ORDER.
Q50	THE REQUIREMENTS OF PQA-034 FOR ACCREDITED RAW MATERIAL SUPPLIERS ARE IMPOSED ON THIS PURCHASE ORDER.
Q51	IMPORTANT: QUALITY CODE QT01 APPLIES TO THIS ORDER. REFER TO APPENDIX "T".
Q52	IMPORTANT: QUALITY CODE QT02 APPLIES TO THIS ORDER. REFER TO APPENDIX "T".
Q53	IMPORTANT: QUALITY CODE QT03 APPLIES TO THIS ORDER. REFER TO APPENDIX "T".
Q54	IMPORTANT: QUALITY CODE QT04 APPLIES TO THIS ORDER. REFER TO APPENDIX "T".
Q55	IMPORTANT: QUALITY CODE QT05 APPLIES TO THIS ORDER. REFER TO APPENDIX "T".
Q56	IMPORTANT: QUALITY CODE QT06 APPLIES TO THIS ORDER. REFER TO APPENDIX "T".
Q57	IMPORTANT: QUALITY CODE QT07 APPLIES TO THIS ORDER. REFER TO APPENDIX "T".
Q58	IMPORTANT: QUALITY CODE QT08 APPLIES TO THIS ORDER. REFER TO APPENDIX "T".
Q59	IMPORTANT: QUALITY CODE QT09 APPLIES TO THIS ORDER. REFER TO APPENDIX "T".
Q6A	AGE SENSITIVE MATERIAL CERTIFICATIONS CERTIFICATE OF CONFORMANCE SHOWING BATCH OR LOT NUMBER, DATE OF MANUFACTURE, AND SHELF LIFE MUST ACCOMPANY SHIPMENT. THIS REQUIREMENT DOES NOT APPLY TO AGE SENSITIVE MATERIAL WHICH IS ACTUALLY USED ON PRODUCT IN COMPLETION OF A HAMILTON SUNDSTRAND PURCHASE ORDER.

<p>Q6N</p>	<p>PRODUCTION WELD SCHEDULES AND SOURCE ARE FROZEN. A. SUBMIT FOR HAMILTON SUNDSTRAND REVIEW AND RETENTION. THE SUPPLIER IS RESPONSIBLE FOR ASSURING HAMILTON SUNDSTRAND ALWAYS HAS A COPY OF THE LATEST APPROVED WELD SCHEDULE ON FILE. B. MAINTAIN AT YOUR FACILITY (AVAILABLE FOR HAMILTON SUNDSTRAND ON-SITE REVIEW OR DELIVER TO HAMILTON SUNDSTRAND UPON REQUEST).</p>
<p>Q6V</p>	<p>WHEN SERIALIZATION IS REQUIRED BY REQUIREMENT AGREEMENT OR THE ENGINEERING DRAWING AND NO ARRANGEMENT IS SPECIFIED, THE FOLLOWING SHALL BE USED. IT SHALL BE APPLIED USING THE SAME MARKING METHOD AND LOCATION AS CALLED OUT ON THE DRAWING. EXAMPLE: SXXX FIRST LETTER OF SUPPLIER'S NAME (E.G., AJAX MFG.=A) SERIAL NUMBERS: A001,A002,A003,ETC</p>
<p>Q6W</p>	<p>SERIALIZATION - WHEN SERIALIZATION IS A BLUE-PRINT REQUIREMENT THE SUPPLIER SHALL USE A SEVEN DIGIT ALPHA NUMERIC SYSTEM. THE METHOD AND LOCATION OF MARKING IS DEFINED ON THE BLUEPRINT. AN EXAMPLE AND EXPLANATION FOLLOW: A. First Digit is 'V' which designates a SUPPLIER FURNISHED PART. B. SECOND AND THIRD DIGITS ARE FOR YEAR MANUFACTURED (LAST TWO NUMBERS OF THE YEAR) EXAMPLE: 01 FOR 2001. C. FOURTH DIGIT IS FOR MONTH MANUFACTURED DECEMBER, EXAMPLE: C FOR MARCH). D. FIFTH THRU SEVENTH DIGITS ARE FOR SERIAL NUMBER (001,002,ETC. SERIAL NUMBERS START OVER WITH 001 EACH MONTH) EXAMPLE OF SERIAL NUMBER FOR PART WHICH WAS MANUFACTURED IN JULY 2001: V01G001.</p>

<p>Q6X</p>	<p>LOT CONTROL- WHEN LOT CONTROL IS A BLUEPRINT OR SPECIFICATION REQUIREMENT, THE SUPPLIER SHALL USE A SIX DIGIT ALPHA NUMERIC SYSTEM. THE METHOD AND LOCATION IS DEFINED ON THE BLUEPRINT. AN EXAMPLE AND EXPLANATION FOLLOW: A. THE FIRST DIGIT IS 'V' WHICH DESIGNATES A SUPPLIER FURNISHED PART. B. SECOND AND THIRD DIGITS ARE FOR THE YEAR MANUFACTURED (LAST TWO NUMBERS OF THE YEAR, EXAMPLE: 01 FOR 2001). C. FOURTH DIGIT IS FOR MONTH MANUFACTURED ('A' THRU 'M', LESS 'I' FOR JANUARY THRU DECEMBER, EXAMPLE: C FOR MARCH). D. THE FIFTH AND SIXTH DIGITS ARE THE LAST TWO NUMBERS FROM YOUR SUNDSTRAND PURCHASE ORDER EXCLUDING THE DASH NUMBER, EXAMPLE: 67 FOR P.O. 4H1267-13P. E. EXAMPLE OF LOT CONTROL NUMBER FOR PARTS WHICH WERE MANUFACTURED IN JULY 2001 ON SUNDSTRAND PURCHASE ORDER 4H1267-13P: V01G67.</p>
<p>Q6Y</p>	<p>A DETAIL ACCEPTANCE TEST PROCEDURE MUST BE APPROVED BY SUNDSTRAND PRIOR TO USE. THIS PROCEDURE MUST INCLUDE A TYPICAL DATA SHEET THAT WILL ACCOMPANY EACH END ITEM SHIPPED. ALL REVISIONS TO THE ATP MUST BE APPROVED BY A HAMILTON SUNDSTRAND PROGRAM ENGINEER PRIOR TO THE INCORPORATION OF THE REVISION.</p>
<p>Q60</p>	<p>IMPORTANT: QUALITY CODE QT10 APPLIES TO THIS ORDER. REFER TO APPENDIX "T".</p>
<p>Q61</p>	<p>IMPORTANT: QUALITY CODE QT11 APPLIES TO THIS ORDER. REFER TO APPENDIX "T".</p>
<p>Q62</p>	<p>IMPORTANT: QUALITY CODE QT12 APPLIES TO THIS ORDER. REFER TO APPENDIX "T".</p>
<p>Q63</p>	<p>IMPORTANT: QUALITY CODE QT13 APPLIES TO THIS ORDER. REFER TO APPENDIX "T".</p>
<p>Q64</p>	<p>IMPORTANT: QUALITY CODE QT14 APPLIES TO THIS ORDER. REFER TO APPENDIX "T".</p>
<p>Q65</p>	<p>IMPORTANT: QUALITY CODE QT15 APPLIES TO THIS ORDER. REFER TO APPENDIX "T".</p>
<p>Q66</p>	<p>IMPORTANT: QUALITY CODE QT16 APPLIES TO THIS ORDER. REFER TO APPENDIX "T".</p>
<p>Q67</p>	<p>IMPORTANT: QUALITY CODE QT17 APPLIES TO THIS ORDER. REFER TO APPENDIX "T".</p>
<p>Q7G</p>	<p>ANY SPECIAL PROCESS INSPECTIONS OR TESTS (I.E. MAGNAFLUX, ZYGLO, NITAL ETCH, ULTRASONIC, X-RAY, PRESSURE TEST, ETC.) SHALL BE SUBMITTED WITH THE MATERIAL. INSPECTION RECORDS VERIFYING THESE INSPECTIONS AND/OR TESTS MUST BE MAINTAINED ON FILE BY THE SUPPLIER.</p>

<p>Q7H</p>	<p>SPECIAL PROCESSES-FOR ALL SPECIAL PROCESSES AND NONDESTRUCTIVE TESTS, A WRITTEN PROCEDURE FOR EACH MUST BE SUBMITTED BY THE SELLER FOR BUYER APPROVAL PRIOR TO PERFORMANCE ON THIS ORDER. SPECIAL PROCESSES SHALL BE CONSIDERED AS ANY PROCESS OF A METALLURGICAL, CHEMICAL, METAL JOINING OR BONDING NATURE INCLUDING PLATING, COATING, SURFACE TREATMENT OR ANY OTHER METHOD OF MATERIAL TREATING OR JOINING. NONDESTRUCTIVE TESTING INCLUDES RADIOGRAPHY, MAGNETIC PARTICLE, ULTRASONIC, EDDY CURRENT, SURFACE TEMPER, PREPENETRANT ETCH AND PENETRANT INSPECTION.</p>
<p>Q7J</p>	<p>PRODUCT ASSURANCE - PROCESSES. A WRITTEN PROCEDURE OF THE MANUFACTURING PROCESS MUST BE SUBMITTED AND APPROVED BY SUNDSTRAND PRIOR TO VENDOR MANUFACTURE OF ITEMS ON THIS PURCHASE ORDER. ALL SUCH MANUFACTURING PROCESSES, INCLUDING TEST PROCESSES USED IN THE MANUFACTURE OF LIKE ITEMS ON THIS PURCHASE ORDER AND SUBSEQUENT PURCHASE ORDERS, ARE TO BE FIRM AND UNCHANGED FROM THE FIRST SHIPMENT THROUGH AND INCLUDING THE LAST. CERTAIN PROCESS CHANGES CAN BE MADE PROVIDED PRIOR WRITTEN APPROVAL TO THE CHANGE IS OBTAINED THROUGH THE BUYER. A COPY OF THE REVISED PROCESS IS TO BE SUBMITTED TO HAMILTON SUNDSTRAND AFTER APPROVAL IS GRANTED.</p>
<p>Q7K</p>	<p>SPECIAL PROCESS - WELDMENTS. FOR PURPOSES OF THIS CONTRACT ALL WELD PROCEDURES MUST BE APPROVED BY SUNDSTRAND PRIOR TO VENDOR PERFORMANCE OF ANY WELDING IN FULFILLMENT OF THIS CONTRACT. (CLASS A AND CLASS B WELD PROCEDURES MUST, IN ADDITION TO SUNDSTRAND APPROVAL, BE APPROVED BY LOCKHEED AIRCRAFT CORPORATION WITH ADDITIONAL APPROVAL BY BUWEPS ON CLASS A WELD PROCEDURES). SUPPLIER TO CERTIFY AND LIST NUMBER AND REVISION LETTER OF WELD PROCEDURES USED IN FULFILLMENT OF THIS ORDER. FAILURE TO COMPLY WILL BE CAUSE FOR REJECTION OF HARDWARE AT HAMILTON SUNDSTRAND.</p>
<p>Q7L</p>	<p>ROCKWELL SOURCE INSPECTION IS REQUIRED ON THIS PURCHASE ORDER. WHEN ARTICLES ARE READY FOR TEST OR INSPECTION PLEASE NOTIFY ROCKWELL PROCUREMENT QUALITY OFFICE COLUMBUS, OHIO (614) 238-6040 .</p>
<p>Q7P</p>	<p>THE ACTUAL READINGS FOR THE FOLLOWING DIMENSIONS SHALL BE RECORDED BY SERIAL NUMBER FOR PART NUMBER 734447 TRANSFER TUBE AND SUBMITTED WITH EACH SHIPMENT TO SUNDSTRAND. 2.744 +- .030 7.616 +- .030 13.743 +- .030</p>

Q7R	PRODUCT ASSURANCE - FACILITIES AND ORGANIZATION. A CHANGE OF EITHER THE LOCATION OF SUPPLIABILITY AND/OR ITS ORGANIZATIONAL STRUCTURE MAY NEGATE ALL PREVIOUS QUALIFICATIONS, APPROVALS AND CERTIFICATIONS. THE BUYER, THEREFORE, MUST BE NOTIFIED IN WRITING PRIOR TO A SUPPLIER IMPLEMENTING CHANGES OF THIS NATURE.
Q7Y	***** TRIDENT II D5 PROGRAM - UPDATED NOVEMBER 2013 ***** HAMILTON SUNDSTRAND SOURCE INSPECTION IS MANDATORY AND APPLIES TO FINAL UNIT ACCEPTANCE (AFTER BUTTERING/REWORK) AND TO THE 48 HOUR LEAK CHECK PROCESSES. THE REQUIRED
Q7Z	***** TRIDENT II D5 PROGRAM - UPDATED NOVEMBER 2013 ***** HAMILTON SUNDSTRAND SOURCE INSPECTION IS MANDATORY AND APPLIES TO FINAL UNIT ACCEPTANCE (AFTER BUTTERING/REWORK) AND TO THE 48 HOUR LEAK CHECK PROCESSES. THE REQUIRED
Q70	THE NDI TECHNIQUE SHEETS USED TO INSPECT HARDWARE FOR THIS ORDER MUST BE APPROVED BY ONCE APPROVED, "ANY" CHANGES MADE TO THE TECHNIQUE SHEET OR CHANGE OF SUPPLIER PERFORMING THE NDI INSPECTION MUST ALSO BE SUBMITTED FOR APPROVAL PRIOR TO IMPLEMENTATION. CONTACT THE SUNDSTRAND BUYER FOR A COPY OF THE EXISTING CUSTOMER APPROVED TECHNIQUE SHEET. ANY NEEDED CHANGES MUST CONTAIN SUPPORTING RATIONALE AND WILL BE COORDINATED THROUGH THE SUNDSTRAND BUYER AND SUNDSTRAND ROCKFORD NDI QA ENGINEERING.
Q73	CAUTION-TITANIUM, SUPPLIER CONSULT SUNDSTRAND APPLICABLE CP15.55 DOCUMENT OR PN15.55 CURRENT REV, FOR CLEANING AND FABRICATION PROCEDURES, CHLORINATED FLUIDS OR COMPOUNDS MUST NOT BE USED IN ANY STAGE OF MANUFACTURE. CONTACT SUNDSTRAND PROCUREMENT FOR APPROVAL OF ANY FLUIDS NOT ON LIST. IMPORTANT:PARTS TO BE INDIVIDUALLY PACKAGED IN RED POLYETHYLENE BAGS-OR CLEAR POLYETHYLENE BAGS IF LABELED
Q75	TO WITNESS THE FOLLOWING OPERATIONS: 1. FINAL PENETRANT 2. PROOF PRESSURE
Q78	A PLATING SAMPLE IS REQUIRED FROM EACH PLATED LOT ON THIS ORDER. SAMPLE PANELS WILL BE SUPPLIED BY HAMILTON SUNDSTRAND PURCHASING WHEN PLATING IS REQUIRED. THE PANELS MUST BE PLATED WITH THE COMPONENTS BEING MANUFACTURED AND MUST ACCOMPANY EACH SHIPMENT. IF THE REQUIRED PLATING SAMPLES ARE NOT SUBMITTED WITH EACH SHIPMENT, SUNDSTRAND WILL CUT UP A

<p>Q8A</p>	<p>RAW MATERIAL: BARSTOCK, SHEET, PLATE, TUBING 1) ALL RAW MATERIAL AND TESTING SAMPLES SHALL BE SUPPLIED IN THE FINAL HEAT TREAT CONDITION NOTED IN THE MATERIAL SPEC UNLESS OTHERWISE SPECIFIED ON THE P.O. OR DRAWING. 2) THE SUPPLIER OF RAW MATERIAL SHALL CERTIFY WITH ACTUAL TEST RESULTS, THE REQUIREMENTS CONTAINED WITHIN THE MATERIAL SPECIFICATION PERTAINING TO ACCEPTANCE OR PREPRODUCTION "FIRST ARTICLE" TESTING AS MAY BE APPLICABLE. 3) CERTIFICATIONS SHALL BE SHIPPED WITH THE PRODUCT IN A MANNER AS TO PREVENT DAMAGE OR LOSS.</p>
<p>Q8E</p>	<p>PLEASE NOTE: SUPPLIED ON THIS PURCHASE ORDER, THE SUPPLIER MUST MEET ALL THE REQUIREMENTS OF MIL-R-83248 THE SUPPLIER SHALL MAINTAIN A COPY OF THE QUALITY CONFORMANCE TEST ON FILE AT YOUR FACILITY AND HAVE IT AVAILABLE TO SEND TO HAMILTON SUNDSTRAND UPON REQUEST.</p>
<p>Q8V</p>	<p>WHEN A SUPPLIER FURNISHES THE MATERIAL FOR HSR DESIGNED PARTS, THE INSPECTION SYSTEM MUST CONTROL THE FOLLOWING. REVIEW MATERIAL PHYSICAL AND/OR CHEMICAL PROPERTIES AS APPLICABLE TO ASSURE COMPLIANCE WITH SPECIFIED REQUIREMENTS. MAINTAIN MATERIAL CERTIFICATIONS THAT DEFINE MANUFACTURING SOURCE, BATCH/LOT NUMBERS, CHEMICAL AND PHYSICAL PROPERTIES. IDENTIFY MATERIAL DURING RECEIPT. MAINTAIN A MATERIAL STORAGE AREA SO CERTIFIED AND UNCERTIFIED MATERIAL CANNOT BE MIXED. ASSURE THAT MATERIAL IS ISSUED AUTHORIZED PERSONNEL ONLY. A RANDOM SAMPLING PLAN SHALL BE ESTABLISHED FOR EACH RAW MATERIAL SUPPLIER USED. THE OVERCHECKS SHALL VERIFY REQUIREMENTS OF THE MATERIAL SPECIFICATION INCLUDING LAB ANALYSIS FOR CHEMICAL AND/OR PHYSICAL PROPERTIES AS APPLICABLE. ONE(1) OVERCHECK SHALL BE PERFORMED PER SUPPLIER EACH SIX (6) MONTHS IF TWENTY (20) OR MORE ORDERS ARE RECEIVED DURING THE PERIOD. AT A MINIMUM ONE (1) OVERCHECK SHALL BE PERFORMED PER SUPPLIER DURING A TWELVE (12) MONTH PERIOD.</p>
<p>Q80</p>	<p>CERTIFICATE OF CONFORMANCE AND PROCUREMENT TRACEABILITY PER PARA 3.3.1 OF MIL-M-38510F IS A REQUIREMENT OF THIS PURCHASE ORDER. ALL MICROCIRCUITS SHALL BEAR THE JAN CERTIFICATION MARK AND BE APPROVED FOR LISTING ON QPL-38510.</p>

<p>Q81</p>	<p>COMPONENTS SUPPLIED ON THIS PURCHASE ORDER SHALL BE LEAD TAPED PER EIA STANDARD RS-296-D. INSIDE TAPE SPACING SHALL BE CLASS I UNLESS OTHERWISE SPECIFIED. LEAD ENDS SHALL NOT EXTEND BEYOND THE TAPE MORE THAN .063 INCH UNLESS OTHERWISE SPECIFIED. EXCEPTIONS: A. VERY LOW QUANTITIES (<50 PCS.) B. EXPEDITE REQUEST FROM NHA PLANNER APPROVING THE USE OF LOOSE PRODUCT. C. SHIPMENTS TO ROCKFORD. D. COMPONENTS NOT CAPABLE OF TAPE & REEL.</p>
<p>Q82</p>	<p>PLEASE NOTE: UNLESS REQUIRED BY THE BLUEPRINT DO NOT USE ANY OILS FOR CORROSION PROTECTION. OILS WILL AFFECT THE FUNCTION OF THE PART AND/OR FINAL ASSEMBLY. THE USE OF OIL AS NOTID HEREIN MAY CAUSE REJECTION.</p>
<p>Q83</p>	<p>CERTIFICATE OF CONFORMANCE AND PROCUREMENT TRACEABILITY PER PARA 3.3.1 OF MIL-S-19500G IS A REQUIREMENT OF THIS PURCHASE ORDER. ALL SEMICONDUCTOR DEVICES SHALL BEAR THE JAN CERTIFICATION MARK AND BE APPROVED FOR LISTING ON QPL-19500.</p>
<p>Q85</p>	<p>DURING PERFORMANCE ON THIS ORDER, YOUR QUALITY CONTROL OR INSPECTION SYSTEM AND MANUFACTURING PROCESSES ARE SUBJECT TO REVIEW, VERIFICATION, AND ANALYSIS BY AUTHORIZED GOVERNMENT REPRESENTATIVES, INCLUDING GOVERNMENT SAMPLING OF LOT TRACEABILITY DOCUMENTATION WHEN REQUIRED. GOVERNMENT RELEASE OF SHIPMENT IS NOT REQUIRED UNLESS OTHERWISE NOTIFIED. APPLICABLE FOR PURCHASE ORDERS PLACED WITH DEVICE MANUFACTURER</p>
<p>Q86</p>	<p>DURING PERFORMANCE ON THIS ORDER YOUR CONTROL OF LOT TRACEABILITY DOCUMENTATION AND YOUR INVENTORY CONTROL FOR JAN BRANDED ELECTRONIC COMPONENTS ARE SUBJECT TO REVIEW, VALIDATION, AND VERIFICATION BY AN AUTHORIZED GOVERNMENT REPRESENTATIVE. GOVERNMENT RELEASE OF SHIPMENT IS NOT REQUIRED UNLESS YOU ARE OTHERWISE NOTIFIED. APPLICABLE FOR PURCHASE ORDERS PLACED WITH OTHER SUPPLIERS.</p>
<p>Q89</p>	<p>ALL PARTS FABRICATED FROM TUNGSTEN CARBIDE MATERIAL SHALL BE VISUALLY INSPECTED 100% IN A WELL LIT AREA (100 FT CANDLES AT 15 INCHES-APPROXIMATELY), AFTER FINAL MACHINING, TO ASSURE THE ABSENCE OF CHIPPAGE, DENTS, BLENDED AREAS, PITS, CRACK, ETC. INSPECTION RESULTS SHALL BE INCLUDED ON SUPPLIER CERTIFICATIONS THAT ARE SUPPLIED WITH EACH SHIPMENT.</p>

<p>Q9A</p>	<p>THE SUPPLIER IS TO FURNISH TO SUNDSTRAND A TEST COUPON PANEL FOR EACH PRINTED WIRING BOARD PANEL ON TYPE 2 DOUBLE-SIDED PRINTED WIRING BOARDS OR A TEST COUPON PANEL FOR EACH PRINTED WIRING BOARD ON TYPE 3 MULTILAYER AND ALL TYPES OF SPACE SHUTTLE PRINTED WIRING BOARDS. THE TEST COUPON PANEL SHALL BE IDENTIFIED BY THE SUNDSTRAND PART NUMBER AND REVISION LETTER; FSCM NO. 99167 WHEN REQUIRED BY DRAWING AND; LOT OR SERIAL NUMBER. THE TEST COUPON PANEL MUST MEET APPLICABLE DRAWING REQUIREMENTS, AND BE REPRESENTATIVE OF ALL PROCESSES OF THE SHIPPED PRINTED WIRING BOARDS. WHEN THE TEST COUPON PANEL IS NOT DEFINED BY DRAWING, THE TEST COUPON PANEL(S) WILL BE IN ACCORDANCE WITH MIL-STD-275D FOR THE TYPE AS DEFINED IN MIL-P-55110C FOR THE PRINTED WIRING BOARD(S) SHIPPED.</p>
<p>Q9B</p>	<p>ALL TEST COUPONS ACCOMPANYING SHIPMENT ARE SUBJECT TO EVALUATION FOR LOT ACCEPTANCE BY SUNDSTRAND AND MAY INCLUDE THERMAL STRESS (SOLDER FLOAT) AT 550DEG F+10DEG F FOR A TEN (10) SECOND PERIOD FOLLOWED BY MICROSECTIONED ANALYSIS OF PLATED THROUGH HOLE AND LAMINATE BOARD MATERIAL QUALITY. EXAMINED COUPONS SHALL NOT EXHIBIT CRACKING OR SEPARATION OF PLATED-THROUGH HOLES OR CONDUCTOR PATTERNS AND NO BLISTERING, MEASLING, OR DELAMINATION. SUNDSTRAND RESERVES THE RIGHT TO REJECT MATERIAL FAILING TO MEET SUCH CRITERIA. THE THERMA STRESS TESTING/EXAMINATION SHALL BE PER MIL-P-55110C.</p>
<p>Q9C</p>	<p>ALL TEST COUPON MOUNTS MADE DURING QUALITY CONFORMANCE INSPECTION THAT ARE USED FOR FINAL ACCEPTANCE BY THE SUPPLIER AS NOTED DS2498 SHALL ACCOMPANY THE PRINTED WIRING BOARDS FOR VERIFICATION OF ACCEPTANCE BY SUNDSTRAND MATERIALS LAB PERSONNEL. EACH MOUNT SHALL BE IDENTIFIED TO THE PRINTED WIRING BOARD IT REPRESENTS BY SERIAL NUMBER, PART NUMBER AND REVISION LETTER. A MOUNT DEPICTING THERMAL STRESS TESTING SHALL BE PROVIDED BY THE SUPPLIER AS PART OF THE QUALITY CONFORMANCE INSPECTON ON A TEST COUPON FROM A TEST COUPON PANEL OF EACH PRINTED WIRING BOARD.</p>
<p>Q9F</p>	<p>THE SUNDSTRAND CUSTOMER WITH A HAMILTON SUNDSTRAND REP HAS THE RIGHT AT ALL REASONABLE TIMES, TO INSPECT, OR OTHERWISE EVALUATE THE WORK PERFORMED ON ANY OR ALL ITEMS SUPPLIED AGAINST THIS PURCHASE ORDER.</p>
<p>Q9G</p>	<p>1CERTIFIED SUPPLIER DESIGNATION.</p>

Q9H	1FOR TITANIUM CASTINGS, HAMILTON SUNDSTRAND WILL ACCEPT THE USE OF TEST BARS FOR CHEMICAL ANAYSIS IN LIEU OF CHEMICAL DISCS.
Q9Q	<p>***** SPC INFORMATION *****</p> <p>KEY CHARACTERISTICS ARE CALLED OUT ON THE ENGINEERING PRINT FOR THIS PART NUMBER. VARIATION MANAGEMENT OF THESE KEY CHARACTERISTICS IS REQUIRED PER PN02.13. STATISTICAL PROCESS CONTROL (SPC) OR AN ALTERNATE DATA COLLECTION AND PROCESS MONITORING METHOD IS SPECIFIED ON THE KEY CHARACTERISTIC CONTROL PLAN. IF YOU DO NOT HAVE A COPY OF THIS CONTROL PLAN, CONTACT THE HAMILTON SUNDSTRAND BUYER.</p> <p>RETAIN THE MASTER DATA AND REQUIRED CHARTS FOR SEVEN (7) YEARS FROM PO COMPLETION DATE.</p> <p>COPIES OF CONTROL PLANS, SPC, AND CAPABILITY INFORMATION MUST BE AVAILABLE TO HAMILTON SUNDSTRAND UPON REQUEST. IF YOU HAVE ANY QUESTIONS, PLEASE CONTACT YOUR BUYER FOR DIRECTION TO THE APPROPRIATE INDIVIDUAL.</p>
Q9R	REVISED 2/27/2003 PQA-208 HAS BEEN OBSOLETE. THE REQUIREMENTS OF UTCQR-09.1 'PROCESS CERTIFICATION REQUIREMENTS' SHALL APPLY AS IDENTIFIED ON THE HAMILTON SUNDSTRAND PURCHASE ORDER.
Q9S	<p>UPDATED: 2/11/2000</p> <p>HAMILTON SUNDSTRAND QUALITY ASSURANCE REQUIRES THAT THE MOUNTS USED FOR ACCEPTANCE AND ALL REMAINING COUPON PANELS BE SENT WITH THE PARTS FOR REVIEW AND VERIFICATION OF ACCEPTANCE. THESE WILL BE RETURNED IF REQUIRED, AFTER HAMILTON SUNDSTRAND REVIEW IS COMPLETE.</p>
Q90	<p>YOU ARE HEREBY FORMALLY ADVISED THAT YOUR QUALITY INSPECTION SYSTEM, INCLUDING RECORDS AND ARTICLES TO BE SUPPLIED UNDER THE PROVISIONS OF THIS PURCHASE ORDER, ARE SUBJECT TO CIVIL AIR AUTHORITY AGENCY EQUIVALENT TO THE UNITED STATES DEPARTMENT OF TRANSPORTATION, FEDERAL AVIATION ADMINISTRATION (FAA). THIS INSPECTION ON BEHALF OF FAA IS CONTINGENT UPON FAA NEGOTIATION AND MUTUAL AGREEMENT BETWEEN THE TWO AGENCIES. SUCH INSPECTION AND SURVEILLANCE DOES NOT RELIEVE YOU OF ANY RESPONSIBILITY FOR PROVIDING ACCEPTABLE ARTICLES AS DESCRIBED UNDER THE PROVISIONS OF ZANT CIVIL AIR AUTHORITY REPRESENTATIVE MUST ACCOMPANY EACH SHIPMENT ONCE AGREEMENT HAS BEEN ESTABLISHED.</p>

<p>Q91</p>	<p>=====</p> <p>GOVERNMENT SOURCE INSPECTION GOVERNMENT SOURCE INSPECTION IS REQUIRED PRIOR TO SHIPMENT FROM YOUR PLANT. UPON RECEIPT OF THIS ORDER, PROMPTLY NOTIFY AND FURNISH A COPY TO THE GOVERNMENT REPRESENTATIVE NORMALLY SERVING YOUR PLANT SO THAT APPROPRIATE PLANNING FOR GOVERNMENT INSPECTION CAN BE ACCOMPLISHED. THE GOVERNMENT REPRESENTATIVE MUST BE NOTIFIED FORTY EIGHT (48) HOURS IN ADVANCE OF THE TIME THAT THE ARTICLES OR MATERIALS ARE READY FOR INSPECTION OR TEST.</p> <p>IF A GOVERNMENT REPRESENTATIVE DOES NOT SERVICE YOUR FACILITY AND YOU CANNOT LOCATE THE GOVERNMENT OFFICE, NOTIFY THE HAMILTON SUNDSTRAND BUYER IMMEDIATELY.</p>
<p>Q92</p>	<p>USE OF MCAIR APPROVED SOURCES IS REQUIRED FOR ALL SPECIAL PROCESSES.</p>
<p>Q93</p>	<p>ALL NON DESTRUCTIVE TESTING MUST BE PERFORMED BY MCAIR APPROVED SOURCES. CONSULT THE HAMILTON SUNDSTRAND JOB INSTRUCTION SHEET FOR NAME OF THE APPROVED SOURCE(S).</p>
<p>Q94</p>	<p>SUPPLIER MUST BE MCAIR APPROVED TO MMS.9001. ALL CLASS I AND CLASS II CASTINGS PROCURED REQUIRE INTEGRALLY CAST TENSILE BARS.</p>
<p>Q95</p>	<p>SUPPLIER PLEASE NOTE THE FOLLOWING CLEANING CYCLE. DO NOT USE OXIDATION CYCLE. 2. PICKLE CASTINGS USING 15% SULPHURIC ACID SOLUTION FOR A MINIMUM OF 15 MINUTES. DO NOT USE OXIDATION CYCLE.</p>
<p>Q97</p>	<p>REVISED 04/2001 HAMILTON SUNDSTRAND DOCUMENT CE30.47-03 IS A REQUIREMENT OF THIS PURCHASE ORDER. HAMILTON SUNDSTRAND DOCUMENT CE30.49-04 IS A REQUIREMENT OF THIS PURCHASE ORDER. THE DOWTY AEROSPACE HYDRAULICS SPECIFICATIONS WERE FROZEN ON AUGUST 25, 1995. THE REVISIONS LISTED IN CE30.47-03 SHALL BE USED.</p>
<p>Q98</p>	<p>THE ACTUAL INNER AND OUTER DIAMETERS FOR EACH BEARING SHALL BE RECORDED ON THE INDIVIDUAL CONTAINER OR TAG THAT IS ATTACHED TO EACH BEARING. THE BEARINGS SHALL BE MARKED WITH THE SERIAL NUMBER APPEARING ON CONTAINER OR TAG FOR TRACEABILITY PURPOSES.</p>
<p>Q99</p>	<p>ELECTROLESS NICKEL SAMPLES: A INCH DISC OF HARDENED 9310 MATERIAL OBTAINED FROM HAMILTON SUNDSTRAND SHALL BE PLATED WITH EACH RING GEAR. IN ADDITION A 1 INCH BY 4 INCH PANEL SHALL ALSO BE SUBMITTED PER MIL-C-26074 REQUIREMENTS SAMPLES SHALL BE SHIPPED WITH APPLICABLE RING GEAR</p>

RAA	<p>RRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRR R R RRRRRRRR REJECT AND REPLACEMENT RRRRRRRRR R R RRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRR</p>
RRT	<p><center>Document and Data Retention</center> All Documents and Data will be retained throughout the life of the program and for 10 years after it is withdrawn from use. Electronic imaging/microfilming of records in lieu of storing actual inspection</p>
R3N	<p>THE TERMS AND CONDITIONS OF THE ORIGINAL PURCHASE ORDER REFERENCED HEREIN APPLY TO THIS REPLACEMENT PURCHASE ORDER.</p>
R3O	<p>THIS IS A REPLACEMENT ORDER COVERING ITEMS ORIGINALLY PROCURED BY SUNDSTRAND ON PURCHASE ORDER CHARGE NO. WHICH WERE REJECTED AND ARE BEING RETURNED FOR () REWORK -- () REPLACEMENT.</p>
R7A	<p>TITLE TO MATERIAL FURNISHED ON THIS PURCHASE ORDER BELONGS TO HAMILTON SUNDSTRAND CORP. ALL REPAIR CHARGES MUST BE AUTHORIZED BY THE BUYER PRIOR TO STARTING REPAIR WORK.</p>
R7C	<p>TITLE TO MATERIAL FURNISHED ON THIS PURCHASE ORDER BELONGS TO HAMILTON SUNDSTRAND CORP.</p>
SAA	<p>SSSSSSSSSSSSSSSSSS S S SSSSSSSSSSSSSS SUB-CONTRACT SSSSSSSSSSSSSSS S S SSSSSSSSSSSSSSSSSS</p>
S2D	<p>*** Q2G SUPERCEDES S2D AS OF MAY 1999 *** PLEASE NOTE: ONLY SUNDSTRAND APPROVED SOURCES MAY BE USED FOR ANY SUBCONTRACTED SPECIAL PROCESSES. CERTIFICATIONS MUST IDENTIFY SUBCONTRACTORS USED. SUPPLIERS MANUFACTURING PRODUCT TO A SUNDSTRAND ENGINEERING DRAWING OR SPECIFICATION REQUIRING SPECIAL PROCESSES OR NONDESTRUCTIVE TESTING, SHALL USE SUNDSTRAND APPROVE SUPPLIERS FOR THOSE SERVICES UNDER THE FOLLOWING CONDITIONS: 3.6.1. SUNDSTRAND DESIGNED PRODUCT A SUNDSTRAND DESIGNED PRODUCT WITH THE SPECIAL PROCESS OR NONDESTRUCTIVE TEST SPECIFICATION AND APPLICABLE PROCESS CODE FOUND 3.6.2. SOURCE CONTROLLED PRODUCT SOURCE CONTROLLED PRODUCT WITH THE SPECIAL PROCESS OR NONDESTRUCTIVE TEST DEFINED BY A SUNDSTRAND SPECIFICATION WITH THAT SPECIFICATION AND APPLICABLE PROCESS CODE FOUND IN THE THE USE OF AN UNAPPROVED SUPPLIER UNDER THE CONDITIONS DEFINED MAY RESULT IN THE CANCELLATION OF THE PURCHASE ORDER.</p>

S6A	SUPPLIER TO MANUFACTURE COMPLETE. SUPPLIER TO FURNISH MATERIAL.
TAA	TTTTTTTTTTT T T TTTTTTTTTTTTTT TOOLING TTTTTTTTTTTTTTTT T T TTTTTTTTTTT
TT1	SUPPLIER MUST PROVIDE PROOF OF ADEQUATE INSURANCE TO COVER REPLACEMENT COST OF ALL SUNDSTRAND AND/OR GOVERNMENT-OWNED TOOLING & /OR TEST EQUIPMENT IN HIS POSSESSION, INCLUDING THOSE TOOLS AND/OR TEST EQUIPMENT THAT WERE SUNDSTRAND AND/OR GOVERNMENT FURNISHED.
TT2	TOOLING ON THIS PURCHASE ORDER IS TO BE PRODUCED IN ACCORDANCE WITH PN29.09
TT7	THE QUALITY REQUIREMENTS FOR THIS ORDER ARE DEFINED AS PQA-303 REV C. ***** DALEY IS REQUIRED TO NOTIFY TIM NIMOCKS, (LMMSC PA REPRESENTATIVE) AT 815-226-6458 A MINIMUM OF 24 HOURS PRIOR TO FLIPPING A UNIT DURING THE 48 HOUR LEAK TEST. NOTIFICATION MAY BE LEFT ON THE VOICE MAIL OF THE ABOVE NOTED NUMBER. THE NOTIFICATION INFORMATION SHOULD INCLUDE THE UNIT STAGE, SERIAL NUMBER AND APPROXIMATE TIME UNIT WILL BE FLIPPED. THIS IS A PERMANENT NOTIFICATION JOB INSTRUCTION SHEET. SUNDSTRAND PQA COVERAGE AT DALEY WILL REMAIN THE SAME. SUNDSTRAND PQA DOES NOT HAVE TO BE PRESENT WHEN THE UNIT IS FLIPPED. NOTIFICATION OF LMMSC DOES NOT IMPLY WITNESS IS REQUIRED; THE LEAK CHECK PROCESS SHOULD NOT BE DELAYED FOR LACK OF LMMSC ATTENDANCE.
T1B	THE MATERIAL TO BE FURNISHED HEREUNDER SHALL BE SUBJECT TO FIRST ARTICLE INSPECTION. ACCEPTANCE THEREOF SHALL CONSTITUTE APPROVAL FOR PAYMENT OF CORRESPONDING TOOLING/GAGING PURCHASE ORDER.
T4G	THIS PARAGRAPH IS OBSOLETE EFFECTIVE 04/2001
T4K	THIS PARAGRAPH IS OBSOLETE EFFECTIVE 04/2001
T45	***** I M P O R T A N T N O T I C E THE TOOLING ON THIS PURCHASE ORDER IS THE PROPERTY OF HAMILTON SUNDSTRAND. IT IS ON LOAN TO YOU, TO BE UTILIZED ON HAMILTON SUNDSTRAND ORDERS ONLY. IF THE TOOLING IS NOT RETURNED PROMPTLY AFTER THE COMPLETION OF THE ORDER, YOU WILL BE BILLED FOR THE TOTAL REPLACEMENT COST OF THE TOOL(S).
T46	THIS PARAGRAPH IS OBSOLETE EFFECTIVE 04/2001

T5C	SUPPLIER TO IDENTIFY EACH PIECE OF SUNDSTRAND TOOLING WITH PART NUMBER, TOOL NUMBER, AND DATE, ON THE TOOL OR AS DIRECTED BY BUYER. RETAIN TOOLING AT SUPPLIER - HOWEVER, SUBJECT TOOLING IS TO REMAIN THE PROPERTY OF SUNDSTRAND AT ALL TIMES AND IS SUBJECT TO RECALL AT OUR DISCRETION. ACKNOWLEDGEMENT OF INVOICE FOR TOOLING/ GAGING IS CONTINGENT UPON INSPECTION ACCEPTANCE OF RESULTING HARDWARE AS PROCURED ON THE PURCHASE ORDER.
T6A	THIS PARAGRAPH IS OBSOLETE EFFECTIVE 04/2001
T6C	THIS PARAGRAPH IS OBSOLETE EFFECTIVE 04/2001
T7B	THIS PARAGRAPH IS OBSOLETE EFFECTIVE 04/2001
T8B	THIS PARAGRAPH IS OBSOLETE EFFECTIVE 04/2001
T9B	THIS PARAGRAPH IS OBSOLETE EFFECTIVE 04/2001
T9C	THIS PARAGRAPH IS OBSOLETE EFFECTIVE 04/2001
T9E	THIS PARAGRAPH IS OBSOLETE EFFECTIVE 04/2001
UAA	UUUUUUUUUUUUUUUUUUUUUUUUUUUUUU U U UUUUUUUUU PROGRAM REQUIREMENTS UUUUUUUUUU U U UUUUUUUUUUUUUUUUUUUUUUUUUUUUUU
UB2	ONLY. NO OTHER LEAD MATERIAL WILL BE
UC1	DRAWING PART NUMBER AND REVISION AS NOTED APPLIES TO THIS PURCHASE ORDER. THIS PART NUMBER AS WELL AS THE PURCHASE ORDER NUMBER MUST BE NOTED ON ALL SUPPLIER SHIPPING DOCUMENTS.
UC3	FOLLOW-ON QUOTE WARRANTY: THE SELLER HEREBY WARRANTS THAT WHEN REQUESTED TO FURNISH A FOLLOW-ON QUOTE IN PRODUCTION QUANTITIES OF SUPPLIES AND/OR SERVICES REQUIRED HEREIN, THE SELLER WILL SUBMIT A BONA FIDE QUOTE VALID FOR A PERIOD OF 180 DAYS FROM QUOTE DATE AND IN ACCORDANCE WITH RFQ. THE UNIT COST QUOTED SHALL REFLECT DOWNWARD ONLY PRICES AND SHALL BE DERIVED FROM: (1) THE ESTABLISHED UNIT COST OF THE LAST 25% OF THE UNITS DELIVERABLE AGAINST THIS REQUIREMENT. (2) THE PROJECTION OF THE LEARNING CURVE ESTABLISHED DURING MANUFACTURE.

<p>U18</p>	<p>SELLER SHALL NOT RELEASE ANY INFORMATION PERTAINING TO ANY PART OF THIS CONTRACT OR ANY PROGRAM RELATED TO THIS CONTRACT, UNLESS-</p> <ol style="list-style-type: none"> 1. THE BUYER HAS GIVEN PRIOR WRITTEN APPROVAL; OR 2. THE INFORMATION IS OTHERWISE IN THE PUBLIC DOMAIN BEFORE THE DATE OF RELEASE. <p>REQUESTS FOR APPROVAL TO RELEASE INFORMATION SHALL -</p> <ol style="list-style-type: none"> 1. IDENTIFY THE SPECIFIC INFORMATION TO BE RELEASED, 2. THE MEDIUM TO BE USED FOR RELEASE, AND 3. THE PURPOSE FOR THE RELEASE. <p>SELLER SHALL SUBMIT ITS REQUEST TO BUYER 60 DAYS BEFORE THE PROPOSED DATE FOR RELEASE.</p>
<p>U2F</p>	<p>%%%%%%%%%% NOTE:THIS PURCHASE ORDER REQUIRES COMPLETE SCRAP ACCOUNTABILITY. TO THIS END THE FOLLOWING IS REQUIRED: THIS PURCHASE ORDER REQUIRES COMPLETE SCRAP ACCOUNTABILITY; YOU ARE HEREBY REQUESTED TO SPRAY ANY AND ALL SCRAP ITEMS RED, AND FORWARD THEM TO SUNDSTRAND.</p>
<p>U3F</p>	<p>SELLER RECOGNIZES THAT THE VALUE OF THIS PURCHASE ORDER (P.O.) IS A FOREIGN OFFSET TRANSACTION FOR BUYER. BUYER, TO THE EXCLUSION OF ALL OTHERS, RESERVES THE RIGHT TO USE THE OFFSET AND INDUSTRIAL COOPERATION OBLIGATIONS BUYER ALSO RESERVES THE RIGHT TO ALLOCATE THE OFFSET VALUE OF THIS PURCHASE ORDER AT TO THIRD PARTIES.</p>
<p>U3T</p>	<p>***** CAUTION * TITANIUM ***** SUPPLIER CONSULT SUNDSTRAND CP15.55-01 3R PN15.55 CURRENT REVISION FOR CLEANING AND FABRICATION PROCEDURES. CHLORINATED FLUIDS OR COMPOUNDS MUST NOT BE USED IN ANY STAGE OF MANUFACTURE. CONTACT SUNDSTRAND PURCHASING FOR APPROVAL OF ANY FLUIDS NOT ON LIST. IMPORTANT --- PARTS TO BE PACKAGED IN RED POLYETHYLENE BAGS OR CLEAR POLYETHYLENE BAGS IF LABELED OR TAGGED WITH CAUTION TAG.</p>
<p>U8H</p>	<p>TRACEABILITY TO RAW MATERIAL CHEMICAL AND PHYSICAL ANALYSIS REPORTS FOR MODIFIED PARTS (AS DEFINED AND AGREED UPON BY SUNDSTRAND AND THE VENDOR) ONLY. MAINTAIN AT YOUR FACILITY AND MAKE AVAILABLE FOR SUNDSTRAND ON-SITE REVIEW OR DELIVER TO SUNDSTRAND UPON REQUEST. ALL COMMON PARTS ARE NOT TRACEABLE TO A SPECIFIC CHEMICAL AND PHYSICAL ANALYSIS REPORT, BUT MATERIALS MUST HAVE BEEN PROCURED WITH SUCH REPORTS.</p>

<p>U8J</p>	<p>RAW MATERIAL - CASTINGS. THE FOLLOWING GENERAL REQUIREMENTS FOR APPROVAL OF CASTING PATTERNS SHALL BE FOLLOWED ON THIS ORDER AND SUBSEQUENT ORDERS.</p> <p>A. THE VENDOR SHALL SUBMIT A WRITTEN REVIEW OF HIS FOUNDRY TECHNIQUE TO BE USED IN PERFORMANCE OF THIS ORDER. UPON CASTING PATTERN APPROVAL BY SUNDSTRAND, THAT FOUNDRY TECHNIQUE MUST BE FOLLOWED FOR ALL SUBSEQUENT CASTINGS PRODUCED. (IN SUBMITTING ITS FOUNDRY TECHNIQUE, IT IS NOT NECESSARY FOR THE FOUNDRY VENDOR TO DISCLOSE ITS METHODS OF GATING AND RISERING).</p>
<p>U8M</p>	<p>RAW MATERIAL - FORGINGS. FORGINGS SHOULD BE DESIGNED AND PRODUCED IN ACCORDANCE WITH:</p> <p>MIL-F-7190 -STEEL MIL-A-2271 -ALUMINUM QQ-A-367 -ALUMINUM MIL-F-83142 -TITANIUM</p> <p>A. A PROGRAM SHALL BE ESTABLISHED FOR THE CONTROL OF THE QUALITY AND PROPERTIES OF STRUCTURAL FORGINGS. THE FORGING TECHNIQUES USED SHALL PRODUCE AN INTERNAL GRAIN FLOW PATTERN SUCH THAT THE DIRECTION OF FLOW IN ALL STRESSED AREAS IS ESSENTIALLY PARALLEL TO THE PRINCIPLE STRESSES. THE GRAIN FLOW PATTERN SHALL BE ESSENTIALLY FREE FROM REENTRANT AND SHARPLY FOLDED FLOW LINES AFTER THE FORGING TECHNIQUE INCLUDING THE DEGREE OF WORKING IS ESTABLISHED. THE FIRST PRODUCTION FORGING SHALL BE SUBMITTED TO SUNDSTRAND FOR SECTIONING TO VERIFY GRAIN FLOW PATTERNS AND TO DETERMINE MECHANICAL PROPERTIES CONTROL AREAS. ONCE APPROVED ALL FORGING TECHNIQUES ARE FROZEN AND SHALL BE APPLIED TO EACH PRODUCTION PART. PRODUCTION FORGINGS SHALL HAVE PROVISIONS FOR A TEST SPECIMEN TO VERIFY MECHANICAL PROPERTIES. ALL FORGINGS SHALL BE INSPECTED BY ULTRASONIC, RADIOGRAPHIC OR OTHER NON-DESTRUCTIVE INSPECTION METHODS TO INSURE FREEDOM FROM DEFECTS. WHEN FORGINGS ARE CLASSIFIED AS FRACTURE CRITICAL THE SUNDSTRAND MATERIAL SPECIFICATION SHALL FORM A PART OF THIS PARAGRAPH AND SUPPLY THE ADDITIONAL GOALS AND REQUIREMENTS.</p>

U8N	SUPPLIER IS REQUIRED TO HAVE WRITTEN PROCESSING AND PROCESS CONTROL SYSTEMS FOR THE ITEM SUPPLIED. ALL PROCESSING (ITEMS 14 THRU 18) BECOMES FROZEN AFTER MANUFACTURE OF THE FIRST PRODUCTION LOT (EP HARDWARE EXEMPT). SUNDSTRAND PRIOR APPROVAL OF PROCESS CHANGES OR SUPPLIER SOURCES IS REQUIRED BEFORE IMPLEMENTATION. OFF THE SHELF OR EXISTING SUPPLIER DESIGN HARDWARE IS EXEMPT FROM FROZEN PROCESSING. MODIFIED OFF THE SHELF HARDWARE (AS DEFINED IN ITEM 10) REQUIRES FROZEN PROCESSING BUT THE COMMON HARDWARE IS EXEMPT FROM FROZEN PROCESSING.
U8P	PRODUCTION WELD SCHEDULES AND SOURCE ARE FROZEN. A. SUBMIT FOR SUNDSTRAND REVIEW AND RETENTION. THE SUPPLIER IS RESPONSIBLE FOR ASSURING SUNDSTRAND ALWAYS HAS A COPY OF THE LATEST APPROVED WELD SCHEDULE ON FILE.
U8Q	NON-DESTRUCTIVE TEST PROCESSES AND SOURCE ARE FROZEN. - SUBMIT FOR SUNDSTRAND REVIEW AND RETENTION.
U8R	MANUFACTURING PROCESSING: GRINDING IS THE ONLY FROZEN MANUFACTURING PROCESS. ALL OTHERS (JIG-BORES, LATHES, MILLS, ETC.) ARE EXEMPT. - SUBMIT FOR SUNDSTRAND REVIEW AND RETENTION.
U8S	SPECIAL PROCESS PROCESSING AND SOURCE ARE FROZEN. FOR THE PURPOSE OF THIS CONTRACT, THE BE: EDM, ECM, BRAZING, SOLDERING, HEAT TREATMENT, PLATING, SHOT PEENING, SURFACE COATING, ADHESIVE JOINING, THERMO BONDING, ENCAPSULATING AND IMPREGNATING. * SUBMIT FOR SUNDSTRAND REVIEW & RETENTION. *
U8T	FABRICATION TECHNIQUES AND SOURCE ARE FROZEN. THE FABRICATION TECHNIQUES MUST BE SUBMITTED TO SUNDSTRAND FOR REVIEW AND RETENTION.
U8U	FRACTURE CONTROL - SELLER SHALL PROVIDE A METHOD FOR IDENTIFYING FRACTURE CONTROLLED AND FRACTURE CRITICAL PARTS ON DOCUMENTATION SUCH AS DRAWINGS, ENGINEERING ORDERS/CHANGES, AND MANUFACTURING ORDERS. A LIST OF FRACTURE CRITICAL PARTS, BY PART NUMBER, SHALL BE PREPARED BY SELLER. SELLER SHALL DEMONSTRATE TO SATISFACTION OF SUNDSTRAND CAPABILITY TO PERFORM SPECIAL NDE INSPECTION FOR DETECTION OF FLAWS AT SPECIFIED LEVELS IN THE FABRICATED PRODUCT.
U8V	NO WELD REPAIRS OF ANY KIND WILL BE ALLOWED WITHOUT SPECIFIC PRIOR WRITTEN SUNDSTRAND APPROVAL (MRB). ONE TIME REWORK, WITHIN A WELD BEAD, IS ALLOWABLE WITHOUT AN AUTHORIZED MRB ACTION.

<p>U8Y</p>	<p>SERIALIZATION - WHEN SERIALIZATION IS A BLUE-PRINT REQUIREMENT, SUPPLIER SHALL USE A SIX DIGIT ALPHA NUMERIC SYSTEM. THE METHOD AND LOCATION OF MARKING IS THE SAME AS DEFINED ON THE BLUEPRINT FOR PART MARKING. AN EXAMPLE AND EXPLANATION FOLLOW: VENDOR SUPPLIED PART. 2 - SECOND DIGIT IS FOR YEAR MANUFACTURED (LAST NUMBER OF THE YEAR. EXAMPLE: 6 FOR 1996). DECEMBER). 4 - FOURTH THRU SIX DIGITS ARE FOR SERIAL NUMBER. (001, 002, ETC. SERIAL NUMBERS START OVER WITH 001 EACH MONTH).</p>
<p>U8Z</p>	<p>SERIALIZATION - WHEN SERIALIZATION IS NOT A BLUEPRINT REQUIREMENT THE SUPPLIER SHALL MARK PARTS WITH A FIVE DIGIT ALPHA NUMERIC SYSTEM. THE METHOD AND LOCATION OF MARKING IS THE SAME AS DEFINED ON THE BLUEPRINT FOR PART MARKING. AN EXAMPLE AND EXPLANATION FOLLOW: 1 - THE FIRST THREE DIGITS ARE THE SAME AS DESCRIBED IN 17 ABOVE. 2 - FOURTH AND FIFTH DIGITS ARE THE LAST TWO NUMBERS FROM THE SUNDSTRAND PURCHASE ORDER.</p>
<p>U9A</p>	<p>A DETAIL ACCEPTANCE TEST PROCEDURE MUST BE APPROVED BY SUNDSTRAND PRIOR TO USE. THIS PROCEDURE MUST INCLUDE A TYPICAL DATA SHEET THAT WILL ACCOMPANY EACH END ITEM SHIPPED.</p>
<p>U9C</p>	<p>REJECTED MATERIAL - RESUBMISSION - ALL ITEMS REJECTED BY SUNDSTRAND AND SUBSEQUENTLY RE-SUBMITTED BY THE SUPPLIER SHALL BE ADEQUATELY IDENTIFIED ON THE SHIPPING DOCUMENT. REFERENCE SHALL BE MADE TO THE SUNDSTRAND REJECTION DOCUMENT, T.E., DMN NUMBER, AND EVIDENCE SHALL BE PRESENTED THAT WILL IDENTIFY THE PARTS AND/OR MATERIAL AS BEING EITHER RE-WORKED TO PRINT, OR REPLACED WITH NEW PARTS. IF THE ITEM WAS REWORKED, A DESCRIPTION OF THE REWORK OPERATIONS PERFORMED SHALL BE INCLUDED. ALL REPAIRS MUST HAVE SUNDSTRAND PRIOR APPROVAL TO BEING PERFORMED.</p>
<p>U9D</p>	<p>SUNDSTRAND RESERVES THE RIGHT TO SOURCE INSPECT ANY OR ALL ITEMS SUPPLIED AGAINST THIS ORDER.</p>
<p>U9E</p>	<p>THIS PARAGRAPH IS APPLICABLE TO THE ROCKWELL INTERNATION APU PROGRAM ONLY: THE FOLLOWING FLUIDS ARE RESTRICTED FROM USAGE DURING ALL PROCESSING: A. METHYL ALCOHOL C. CHLORINATED SOLVENTS B. CARBON DIOXIDE D. SULFONATED SOLVENTS E. FLUORINATED COMPOUNDS (EXCEPT FREON USED FOR CLEANING ELECTRONIC CIRCUIT BOARDS).</p>

U9F	THIS PARAGRAPH IS APPLICABLE TO ALL ROCKWELL INTERNATIONAL PROGRAMS. HALOGENATED AND SULFONATED FLUIDS SHALL NOT BE USED IN THE MACHINING OF TITANIUM AND NICKEL ALLOYS.
U9G	NASA RECORD RETENTION PERIOD OF 10 YEARS FROM DATE OF ORDER COMPLETION APPLIES TO THIS PROCUREMENT.
U9H	IN ADDITION, IT SHALL BE THE SUPPLIERS RESPONSIBILITY TO PASS ON APPLICABLE PORTIONS OF THESE TERMS AND CONDITIONS TO THEIR SUB-CONTRACTORS AND/OR SUPPLIERS.
U9K	CHEMICAL AND PHYSICAL ANALYSIS REPORTS. A. MAINTAIN AT YOUR FACILITY (AVAILABLE FOR SUNDSTRAND ON-SITE REVIEW OR DELIVER TO SUNDSTRAND UPON REQUEST).
U9M	RAW MATERIAL -CASTINGS. THE FOLLOWING GENERAL REQUIREMENTS FOR APPROVAL OF CASTING PATTERNS SHALL BE FOLLOWED ON THIS ORDER AND SUBSEQUENT ORDERS. A. A MINIMUM OF (ONE) CASTING FROM EACH MOLD SHALL BE SUBMITTED BY THE SUPPLIER AS MODELS PRIOR TO ANY PRODUCTION LOTS BEING RUN FOR THE EXPRESS PURPOSE OF SUNDSTRAND APPROVAL OF EACH MOLD. THE PROCESSING AND FOUNDRY TECHNIQUE USED TO PRODUCE THESE PILOT CASTINGS MUST BE IDENTICAL TO THAT WHICH WILL BE USED IN PRODUCING THE PRODUCTION LOTS WHICH FOLLOW.
U9N	RAW MATERIAL - CASTINGS. THE FOLLOWING GENERAL REQUIREMENTS FOR APPROVAL OF CASTING PATTERNS SHALL BE FOLLOWED ON THIS ORDER AND SUBSEQUENT ORDERS. A. ANY CHANGES TO FOUNDRY TECHNIQUES AFTER CASTING MOLD APPROVAL REQUIRES SUNDSTRAND PRIOR APPROVAL AND MAY REQUIRE
U9P	RAW MATERIAL - FORGINGS. FORGINGS SHOULD BE DESIGNED AND PRODUCED IN ACCORDANCE WITH: MIL-F-7190 -STEEL MIL-A-22771 -ALUMINUM QQ-A-367 -ALUMINUM MIL-F-83142 -TITANIUM A. THE WRITTEN FORGING TECHNIQUE MUST BE SUBMITTED TO SUNDSTRAND ALONG WITH THE

<p>V12</p>	<p>THIS SYSTEM OR BLANKET CONTRACT (HEREIN AFTER BY AND BETWEEN SUNDSTRAND CORPORATION ON BEHALF OF SUNDSTRAND AEROSPACE, HAVING OFFICES AT 4747 HARRISON AVENUE, ROCKFORD, ILLINOIS 61125 (HEREIN AFTER REFERRED TO AS THE SELLER OF THE PRODUCT OR SERVICE THE ATTACHED TERMS AND CONDITIONS TITLED NON-PRODUCTION TERMS AND CONDITIONS APPLICABLE TO ALL SYSTEM AND BLANKET CONTRACTS DATED JUNE, 1998 ARE HEREBY MADE A PART OF THIS CONTRACT. SELLER IS REQUIRED TO ACKNOWLEDGE RECEIPT OF THIS CONTRACT BY SIGNING, DATING AND RETURNING THE ACKNOWLEDGEMENT COPY TO THE ASSIGNED BUYER.</p>
<p>V2A</p>	<p>***** ATTENTION ***** THIS UNIT CONTAINS SKYDROL WHICH IS CONSIDERED AN IRRITANT. PRIOR TO RETURN SHIPMENT, ENSURE UNIT IS DRAINED SUFFICIENTLY AND PACKAGED PROPERLY. PLEASE MARK PAPERWORK AND CONTAINER AS SUCH.</p>
<p>V2C</p>	<p>***** ORDER FOR EXPORT ***** * AT THE TIME OF ACCEPTING THIS ORDER THE * * SUPPLIER HAS STATED THAT ALL COMMODITIES * * OR DATA FURNISHED FOR THIS ORDER ARE * * EXEMPT FROM ALL EXPORT LICENSING * * REQUIREMENTS * *****</p>
<p>V2D</p>	<p>***** ORDER FOR EXPORT ***** * AT THE TIME OF ACCEPTING THIS PURCHASE * * * ORDER, THE SUPPLIER HAS S * COMMODITIES OR DATA FURNISHED FOR THIS * * ORDER REQUIRES A VALIDATED EXPORT LICENSE * * BEFORE EXPORT FROM THE UNITED STATES. IT * * SECURE A VALIDATED EXPORT LICENSE. * *****</p>
<p>V2F</p>	<p>INSURANCE AND SAFE PRACTICE CLAUSE THE SELLER SHALL DEFEND, INDEMNIFY, AND HOLD THE BUYER HARMLESS FROM AND AGAINST ALL CLAIMS OR LIABILITIES INCLUDING DAMAGE TO PROPERTY OR INJURIES TO, OR DEATH OF, ANY PERSON ARISING OUT OF WORK PERFORMED UNDER THIS CONTRACT EXCEPT WHERE SUCH INJURY OR DEATH ARISE FROM THE NEGLIGENCE OF THE BUYER. IT IS FURTHER AGREED THAT THE SELLER, PERFORM SHALL PROVIDE \$1,000,000.00 OF COMPREHENSIVE GENERAL LIABILITY (INCLUDING BROAD FORM CONTRACTUAL) INSURANCE COVERAGE INSURING THE BUYER AGAINST ANY LOSS OR LIABILITY CAUSED BY THE PRESENCE OR CONDUCT OF THE SELLER OR PREMISES. THE SELLER SHALL FURNISH EVIDENCE FOR ANY OF ITS EMPLOYEES WHO ARE WORKING</p>

	<p>IS TO BE GIVEN THIRTY (30) DAYS WRITTEN NOTICE OF CANCELLATION OR CHANGE OF INSURANCE THE SELLER SHALL PROMPTLY FORWARD TO THE BUYER A COPY OF ANY REPORT OF DAMAGE TO PROPERTY OR INJURY OR DEATH OCCURRING DURING THE PERFORMANCE OF THIS PURCHASE ORDER, WHICH THE SELLER FILES WITH ITS INSURANCE CARRIER OR WITH THE COMPENSATION AUTHORITY HAVING JURISDICTION ON THE PREMISES. CERTIFICATE OF INSURANCE SHALL BE MAINTAINED BY THE SELLER IN THE AMOUNT OF AT LEAST \$500,000.00 EACH PERSON AND \$1,000,000.00 EACH ACCIDENT FOR BODILY INJURY OR DEATH, AND \$500,000.00 EACH ACCIDENT FOR PROPERTY DAMAGE. THEY MUST ALSO INDICATE COVERAGE ON LEAST IN LIMITS REQUESTED. SUNDSTRAND IS TO BE GIVEN TEN (10) DAYS WRITTEN NOTICE OF CANCELLATION OR CHANGE OF INSURANCE BY THE ALL WORK PERFORMED PURSUANT TO THIS CONTRACT MUST BE IN ACCORDANCE WITH THE WILLIAM-STEIGER U. S. OCCUPATIONAL SAFETY AND HEALTH ACT OF 1970 (O. S. H. A.). FAILURE TO CONFORM TO O. S. H. A. REGULATIONS WILL BE CAUSE FOR IMMEDIATE TERMINATION OF OF THIS CONTRACT.</p>
<p>V23</p>	<p>KEEP THE CONSTRUCTION AREA CLEAN AT ALL TIMES. AT THE COMPLETION OF THE CONTRACT, EACH CONTRACTOR SHALL REMOVE ALL SURPLUS MATERIALS, RUBBISH AND OTHER DEBRIS. LEAVING THE CONTRACTOR SHALL GUARANTEE ALL MATERIALS AND WORKMANSHIP FURNISHED ARE IN SERVICEABLE AND SATISFACTORY CONDITION AND SHALL MAKE GOOD AT THEIR EXPENSE ANY SUBSTANTIAL IMPERFECTIONS WHICH MAY DEVELOP DURING THE PERIOD SPECIFIED FOR ONE (1) YEAR FROM THE DATE OF COMPLETION. THE CONTRACTOR SHALL PROVIDE SHOP DRAWINGS ON ALL REQUIRED EQUIPMENT AND MATERIALS INSTALLED.</p>
<p>V24</p>	<p>SELLER IS REQUIRED TO SUPPLY THE APPROPRIATE MATERIAL SAFETY DATA SHEET (MSDS) AND ANY OTHER REQUIRED INFORMATION PER THE OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION (OSHA) STANDARD, 29 CFR 1910.1200(E)(2)(I)(II)(III). THE PURCHASE ORDER NUMBER IS REQUIRED ON THESE SHEETS AND THEN MAILED TO THE ATTENTION OF AL MUNN, DEPARTMENT 994-6, PO BOX 7002, ROCKFORD, IL 61125-7002.</p>
<p>V25</p>	<p>DUE TO INSURANCE AND LIABILITY ISSUES, THE CONTRACTOR IS NOT ALLOWED TO USE HAMILTON- CONTRACTOR MUST PROVIDE THEIR OWN TOOLS AND EQUIPMENT OR MUST RENT THEM FROM AN OUTSIDE SOURCE. EXCEPTIONS MAY ONLY BE GRANTED BY THE BUYER LISTED HEREIN.</p>

V26	SHOULD IT BE NECESSARY FOR THE SUPPLIER TO LOCK-OUT OR TAG-OUT ANY MACHINE OR EQUIPMENT IN THE PERFORMANCE OF THIS ORDER, IT SHALL BE DONE IN ACCORDANCE WITH HAMILTON SUNDSTRAND AEROSPACE ENVIRONMENTAL HEALTH AND SAFETY PROCEDURE 37-439.
V3A	UPON ACCEPTANCE OF THIS PURCHASE ORDER THE SUPPLIER AGREES TO FURNISH AN INSPECTION REPORT LISTING ALL DIMENSIONS CHECKED IN FINAL INSPECTION FOR THE FOLLOWING FEATURES: (2) ALL DECIMALS SMALLER THAN 3 DECIMAL PLACES (3) ALL SURFACE FINISHES LESS THAN 32 RMS A SEPARATE INSPECTION REPORT SHALL BE FURNISHED FOR EACH TOOL/GAGE IDENTIFYING TOOL/GAGE PART NUMBER PURCHASE ORDER NUMBER AND SHALL BE ATTACHED TO THE PACKING LIST WITH EACH SHIPMENT. FAILURE TO FURNISH THE ABOVE DOCUMENTATION WILL RESULT IN DELAY OF PAYMENT OR RETURN THE SUPPLIER EXTENDS TO SUNDSTRAND THE RIGHT TO RETURN FOR REWORK OR REPLACEMENT AT THE CHARGES, ALL REJECTIONS FOR ANY DIMENSIONAL DEVIATION WITHIN (90) NINETY DAYS OF RECEIPT OF THE TOOL/GAGE.
V3B	SUPPLIER TO SUPPLY ONE (1) COUPON FOR EACH BROACH.
V3C	BROACHES SHALL BE MANUFACTURED FROM ONE OF THE FOLLOWING MATERIALS: ASP-23, ASP-30, OR M-3 TYPE 2.
V3D	SHAPER CUTTERS SHALL BE MANUFACTURED FROM M-42, ASP-30, ASP-23, OR M3 TYPE 2
V3E	M-42 MATERIAL.
V3F	<p>*****</p> <p>* SPECIAL NOTE: *</p> <p>* ALL LOOSE DETAILS SHALL BE TEMPORARILY * * ATTACHED WITH CAUTION TO THE MAIN BODY OF * * THE TOOL/GAGE TO PREVENT LOSS OR DAMAGE * * DURING SHIPMENT AND UNPACKING.ALL MISSING * * EXPENSE. *</p> <p>* SUPPLIER SHALL NOTIFY THE BUYER PRIOR TO * * SHIPPING WHEN COMPLIANCE WITH THE ABOVE * * MAY CAUSE DAMAGE TO THE TOOL/GAGE. *</p> <p>*****</p>
V3G	<p>*****</p> <p>**TEMPORARILY AFIX ANY LOOSE DETAILS ** **TO FIXTURE. LIST LOOSE DETAILS ON ** **PACKING SLIP. **</p> <p>*****</p>

<p>V3H</p>	<p>***** CALIBRATION CERTIFICATIONS ***** * SHALL CONTAIN AS A MINIMUM * * THE FOLLOWING ITEMS * * * * 1 CALIBRATION SOURCE * * 2 ACCURACY * * 3 ENVIRONMENTAL CONDITIONS * * 4 TRACEABILITY OF CALIBRATION TO NBS * * STANDARDS OR KNOWN PHYSICAL CONSTANTS * * 5 DATE OF CALIBRATION (DO NOT REFERENCE * * YOUR CALIBRATION DUE ON CERTS) * * 6 VENDOR TEST NUMBER * * 7 BY WHOM CERTIFIED * * * * IF ANY OF THE ABOVE ITEMS DO NOT APPLY * * TO THE CALIBRATION, THE CERTIFICATION * * SHALL INDICATE THE ITEMS) AND THE * * REASON IT IS NOT APPLICABLE. * * * *****</p>
<p>V3K</p>	<p>QUOTE BEST POSSIBLE DELIVERY. BREAK COSTS DOWN AS FOLLOWS: COST OF TOOL(S): EXPEDITE CHARGES: (IE: # OF HOURS TIMES HOURLY RATE)</p>
<p>V34</p>	<p>**** CERTIFICATION & PACKING LIST **** DOCUMENTS APPLICABLE TO THIS ORDER SHALL BE PACKAGED AND LISTED AS A SEPERATE ITEM ON THE PACKING LIST AND THE FREIGHT BILL. FAILURE TO RECEIVE PACKING LIST AND PROPER CERTIFICATION WITH THE SHIPMENT WILL RESULT IN THE MATERIAL BEING RETURNED TO THE *****</p>
<p>V4B</p>	<p>SUPPLIER TO REFERENCE SUNDSTRAND LAB CODE ON ALL PAPERWORK.</p>
<p>V4C</p>	<p>SPECIAL CHARGE REPRESENTS A \$20.00 PER DRUM RETURNABLE DEPOSIT. THIS DEPOSIT IS PAYABLE WITHOUT DISCOUNT WHEN PAYMENT FOR CONTENTS IS DUE AND SHALL BE REFUNDED WHEN CONTAINERS ARE EXPENSE.</p>
<p>V4D</p>	<p>SPECIAL CHARGE REPRESENTS A \$50.00 PER DRUM RETURNABLE DEPOSIT. THIS DEPOSIT IS PAYABLE WITHOUT DISCOUNT WHEN PAYMENT FOR CONTENTS IS DUE AND SHALL BE REFUNDED WHEN CONTAINERS EXPENSE.</p>
<p>V4E</p>	<p>SINCE THE NEGATIVES, POSITIVES, PLATES, AND COLOR SEPARATIONS ARE ORIGINALLY PAID FOR BY SUNDSTRAND. THE COMPANY SHALL REQUIRE THEIR EXCLUSIVE OWNERSHIP. SUNDSTRAND AGREES THAT TO PREVENT DAMAGE TO THESE FILMS, PHYSICAL STORAGE SHOULD REMAIN</p>
<p>V42</p>	<p>PO. NUMBERS, RELEASE NUMBERS AND PROJECT NUMBERS, MUST BE SPECIFIED ON THE PACKING SLIP AND INVOICE</p>

<p>V7A</p>	<p>***** SUPPLIER NOTICE *****</p> <p>* SUPPLIER MUST SHIP, LABEL, CONTAINERIZE, * * HANDLE, AND TRANSPORT MATERIALS IN * * ACCORDANCE WITH ALL APPLICABLE * * REQUIREMENTS OF THE NFPA CODE, 29 C.F.R. * * 1910.1200(F), HAZARDOUS MATERIALS * * TRANSPORTATION ACT (49 U.S.C. 1801 ET SEC)* * AS CODIFIED IN TITLE 49 C.F.R., STATE AND * * LOCAL RIGHT TO KNOW LAWS, AND STATE AND * * LOCAL HAZARDOUS MATERIAL TRANSPORTATION * * LAWS, RULES AND REGULATIONS. SUPPLIERS * * MUST NOTE ON THE PACKING SLIP THE HAZARD * * CODE, THE NATURE OF THE HAZARDOUS MATERIAL * * AND THE APPROPRIATE HANDLING INSTRUCTIONS.* * ADDITIONALLY, ALL WARNING AND HANDLING * * INSTRUCTIONS CONCERNING THE HAZARDOUS * * MATERIAL WHICH ARE EITHER REQUIRED BY * * FEDERAL, STATE, LOCAL LAWS, RULES, AND * * REGULATIONS OR ARE OTHERWISE APPROPRIATE * * SHALL BE CLEARLY EVIDENT AND LEGIBLE ON * * THE CONTAINER UPON DELIVERY TO SUNDSTRAND.* * ADDITIONALLY, ALL HAZARDOUS MATERIAL MUST * * BE CLEARED * * BEFORE UNLOADING * * BETWEEN THE HOURS OF 7:00 AM AND 3:00 PM * * MONDAY THROUGH FRIDAY, HOLIDAYS EXCLUDED * *****</p>
<p>V8A</p>	<p>=====</p> <p>***** IMPORTANT !!! *****</p> <p>SHIP THE TOTAL QUANTITY OF ALL ITEMS ON THIS ORDER COMPLETE IN ONE SHIPMENT. NO PARTIAL SHIPMENTS WILL BE ACCEPTED. *****</p>
<p>V8B</p>	<p>PURCHASE ORDER AND ANY BACK ORDERED MATERIAL MUST APPEAR ON EACH INVOICE AND PACKING LIST.</p>
<p>V91</p>	<p>ALL SHIPMENTS OF CASTINGS AGAINST THIS PO ARE TO BE MARKED WITH A SPECIAL SUNDSTRAND FREIGHT CODE NUMBER. THE CODE NUMBER FOR THIS PART/THIS PO IS 07704. SUPPLIER TO MARK THE FREIGHT BILL WITH THIS CODE NUMBER AND THE WEIGHT. EXAMPLE: 07704-2300(CODE 07704,WT 2300 LBS). IF MORE THAN ONE PART NUMBER IS IN THE SHIPMENT, CHECK THE PURCHASE ORDERS OF PARTS INVOLVED TO DETERMINE THE CODE NUMBERS TO USE. EACH PART NUMBER MAY HAVE A DIFFERENT CODE NUMBER. ALL CODE NUMBER AND WEIGHT COMBINATIONS TO BE REFERENCED ON THE FREIGHT BILL AND THE TOTAL SHOULD EQUAL THE TOTAL WEIGHT OF THE SHIPMENT. THOSE PARTS HAVING THE SAME CODE NUMBER CAN BE COMBINED INTO ONE WEIGHT.</p>

<p>WAA</p>	<p>WW W W WWWWW GENERAL TERMS AND CONDITIONS WWWWWWW W W WW</p>
<p>WAC</p>	<p>AND CONDITIONS APPLICABLE TO COMMERCIAL PURCHASE ORDERS, DATED OCT 1993, AS AGREED TO BY SUNDSTRAND AND MANOIR INDUSTRIES/FORGES DE BOLOGNE ON 9 JULY 1997. TERMINATION, SUNDSTRAND MAY PURCHASE OR MANUFACTURE SIMILAR SUPPLIES AND/OR REQUIRE SELLER TO TRANSFER TITLE AND DELIVER TO SUNDSTRAND ANY OR ALL PROPERTY PRODUCED OR PROCURED BY SELLER UNDER THIS PURCHASE ORDER OR IN THE EVENT OF A DEFAULT FOR TERMINATION SHALL BE LIMITED TO THE PURCHASE ORDER PRICE OF ITEMS DELIVERED, ACCEPTED AND IN PROCESS WITH A CONTRACTUAL DELIVERY DATE WITHIN 10 WEEKS FROM NOTIFICATION OF THE TERMINATION, SUBJECT TO DOWNWARD EQUITABLE ADJUSTMENT IF SUCH SUPPLIES ARE NONCONFORMING, AND TO THE REASONABLE VALUE OF ANY PROPERTY THAT SUNDSTRAND MAY REQUIRE TO BE DELIVERED PURSUANT TO 16.A.2 ABOVE. ADD CLAUSE 27 AS FOLLOWS: 27. LIQUIDATED DAMAGES IN THE EVENT OF DELINQUENT DELIVERIES, SELLER SHALL PAY AS AND FOR LIQUIDATED DAMAGES A SUM TO BE CALCULATED AT THE RATE OF 0.2 PERCENT PER DELAYED WEEK UP TO A MAXIMUM OF FIVE (5) PERCENT OF THE UNIT PRICE OF DELAYED ITEMS(S) PENALTY SHALL NOT BE INVOKED UNTIL TWO (2) WEEKS AFTER DUE DATE OF THE HARDWARE. SELLER SHALL NOT BE LIABLE TO SUNDSTRAND FOR PENALTY WHEN THE DELAY IS DO TO CAUSES BEYOND THE CONTROL AND WITHOUT FAULT OR NEGLIGENCE OF THE SELLER.</p>

<p>WAG</p>	<p>THE FOLLOWING SPECIAL PROVISION APPLIES TO ALL SUPPLIERS BILLING HAMILTON SUNDSTRAND FOR THE CONTRACTUAL AGREEMENT FOR SERVICES.</p> <p>IN THE PERFORMANCE OF THIS PURCHASE ORDER/ AGREEMENT SUPPLIERS SHALL BE REQUIRED TO UTILIZE THE UTC TRAVEL CENTER TO ARRANGE FOR AIR TRAVEL, HOTELS, AND CAR RENTALS AND OBTAIN THE ASSOCIATED DISCOUNTS AFFORDED HAMILTON SUNDSTRAND. HAMILTON SUNDSTRAND TRAVEL GUIDELINES INCLUDING THE USE OF UTC PREFERRED PROVIDERS AND SERVICE LEVELS ARE APPLICABLE AND SHALL BE FOLLOWED. SUPPLIERS SHALL USE THEIR BEST EFFORTS TO MAKE TRAVEL RESERVATIONS AT LEAST TWO WEEKS IN ADVANCE. SUPPLIERS FAILING TO COMPLY WITH THESE REQUIREMENTS WILL NOT BE REIMBURSED FOR SUCH EXPENSES BY HAMILTON SUNDSTRAND. WHEN MAKING ARRANGEMENTS THROUGH THE UTC TRAVEL CENTER, YOU SHALL BE REQUIRED TO IDENTIFY YOURSELF AS A SUPPLIER OF UTC-HAMILTON SUNDSTRAND AND THE PURPOSE FOR THE TRAVEL.</p> <p>FOR RESERVATIONS CONTACT: CARLSON WAGONLIT/UTC TRAVEL CENTER (ROCKFORD) 815-394-2100 OR CONNECTICUT OFFICE: 877-588-7169 (TOLL FREE)</p> <p>QUESTIONS CONCERNING THIS REQUIREMENT SHALL BE DIRECTED TO THE BUYER SIGNING THIS PURCHASE ORDER/AGREEMENT.</p>
<p>WA8</p>	<p>THE MEMORANDUM OF AGREEMENT DATED 18 AUGUST 1997, BETWEEN SUNDSTRAND AEROSPACE AND HOWMET FRANCE, IS HEREBY INCORPORATED BY REFERENCE.</p> <p>*****</p>

<p>WZW</p>	<p>INSURANCE REQUIREMENTS: THE SELLER AND HIS SURETY AGREE TO PROTECT, INDEMNIFY, AND SAVE HARMLESS SUNDSTRAND CORPORATION, ITS OFFICERS, AGENTS, EMPLOYEES AND ITS CUSTOMERS FROM AND AGAINST ALL CLAIMS, DEMANDS AND CAUSES OF ACTION PARTIES ON ACCOUNT OF PERSONAL/BODILY INJURIES OR DEATH OR ON ACCOUNT OF PROPERTY DAMAGES TO THE EXTENT ARISING OUT OF THE WORK TO BE PERFORMED BY SELLER HEREUNDER AND RESULTING FROM THE NEGLIGENT ACTS OR OMISSIONS OF SELLER, SELLER AGREES TO INCORPORATE SIMILAR REQUIREMENTS PROVIDING PROTECTION TO SUNDSTRAND AND ITS CUSTOMERS IN ITS CONTRACTS WITH SUBCONTRACTORS. PRIOR TO COMMENCING WORK, SELLER AND/OR HIS SUBCONTRACTORS WHO SHALL ENTER PERFORMANCE OF THIS PURCHASE ORDER SHALL UPON REQUEST, CERTIFY AS TO THEIR COMPLIANCE WITH THE INSURANCE REQUIREMENTS AS LISTED BELOW. PRIOR TO ENTERING U.S. GOVERNMENT PREMISES, SELLER SHALL HAVE THEIR INSURANCE CARRIER PROVIDE TWO (2) COPIES OF A CERTIFICATE OF INSURANCE EVIDENCING COMPLIANCE WITH THE INSURANCE REQUIREMENTS LISTED BELOW: A. COMPREHENSIVE GENERAL AND AUTOMOBILE LIABILITY INSURANCE WHICH PROVIDES COVERAGE FOR BODILY INJURY AND PROPERTY DAMAGE IN A MINIMUM AMOUNT OF \$1,000,000.00 EACH OCCURENCE. BASED ON THE STATUTORY LIMITS AND A MINIMUM AMOUNT OF \$500,000.00 EACH ACCIDENT. C. IT IS AGREED THAT IF SUCH COVERAGE IS NOT CONTINUED DURING THE TERM OF THIS PURCHASE ORDER, SUNDSTRAND WILL BE GIVEN WRITTEN NOTICE FIFTEEN (15) DAYS BEFORE SUCH DISCONTINUANCE.</p>
<p>W1A</p>	<p>REMINDER: YOUR ACCEPTANCE OF THIS ORDER R E Q U I R E S YOU TO SIGN AND RETURN THE ORDER ACKNOWLEDGEMENT COPY. THANK YOU.</p>
<p>W11</p>	<p>A REQUIREMENT EXISTS TO REPORT TRANSACTIONS WITH FOREIGN SUPPLIERS. BUYER, TO EXCLUSION OF ALL OTHERS, RESERVES THE RIGHT TO USE THE FOREIGN VALUE OF ANY FOREIGN SUBCONTRACT, TO SATISFY BUYERS OFFSET AND INDUSTRIAL COOPERA-SUPPLIER WILL REPORT BY COUNTRY OF ORIGIN, THE DOLLAR VALUE OF ANY FOREIGN SUBCONTRACT WORK WITH FOREIGN SUPPLIERS. THE REPORT</p>

	SHOULD BE ADDRESSED TO THE MANAGER, INTERNATIONAL OFFSET AND SHOULD ARRIVE TEN DAYS AFTER PURCHASE ORDER ISSUANCE. BUYER RESERVES THE RIGHT TO ALLOCATE THE OFFSET VALUE OF ANY FOREIGN SUBCONTRACT AT BUYERS DISCRETION, INCLUDING BUT NOT LIMITED TO THIRD PARTIES.
W2A	ALL FOREIGN NATIONALS MUST REGISTER WITH SUNDSTRAND HUMAN RESOURCES PRIOR TO ENTRY OF OUR PREMISES.
W2F	*****PLEASE NOTE***** FREIGHT FORWARDER IN FRANCE TO BE USED WHEN SUNDSTRAND IS THE IMPORTER OF RECORD: AEI FRANCE USE LOCATION NEAREST YOUR FACILITY FOR QUESTION CONTACT THE SUNDSTRAND BUYER. *****
W2L	BROKER TO BE USED WHEN SUNDSTRAND IS IMPORTER AEI CUSTOMS BROKERAGE SERVICE 5510 W. 102ND STREET LOS ANGELES, CALIFORNIA 90045 POWER SYSTEMS - PREFERRED BROKER TELE: 310/338-2400 FAX: 310/417-5031
W2M	BROKER TO BE USED WHEN SUNDSTRAND IS IMPORTER OF RECORD: (THROUGH ELEC SYSTEMS-MIAMI) AEI CUSTOMS BROKERAGE SERVICE 2031 NW 79TH AVENUE MIAMI, FL 33122 TELE: 305-262-8543 FAX: 305-639-2408
W2N	BROKER TO BE USED WHEN SUNDSTRAND IS IMPORTER OF RECORD: (THROUGH PHOENIX, AZ) AEI CUSTOMS BROKERAGE SERVICE 4202 EAST ELWOOD STREET PHOENIX, AZ 85040 TELE: 602-437-2920 FAX: 602-437-3126
W2R	BROKER TO BE USED WHEN SUNDSTRAND IS IMPORTER OF RECORD: (THROUGH SAN DIEGO, CA) WESTERN OVERSEAS CORPORATION 2192 MAIN STREET SAN DIEGO, CA. 92113 P.O. BOX 81598 SAN DIEGO, CA. 92138 TELE: 619-531-1299 FAX: 619-298-4119

<p>W2S</p>	<p>HARDWARE SHOULD BE SHIPPED TO OUR FREIGHT FORWARDER: AIR EXPRESS INTL. (U.K.) LTD. P.O. BOX 12, CARGOCENTRE INTERNATIONAL AVENUE, HOUNSLOW MIDDLESEX, TW5 9NZ TL: (44-181) 754-5048 FX: (44-181) 754-5081 ALL GOODS TO BE CLEARED IN USA VIA AEI/RADIX BROKERAGE SERVICES, CHICAGO, ILLINOIS.</p>
<p>W2T</p>	<p>BROKER TO BE USED WHEN SUNDSTRAND IS IMPORTER OF RECORD: (THROUGH DENVER, CO.) AEI CUSTOMS BROKERAGE SERVICES 4570 IVY STREET, #300 DENVER, CO 80216 TELEPHONE: 303/321-4343 FAX : 303/388-6534</p>
<p>W2V</p>	<p>BROKER TO BE USED WHEN SUNDSTRAND IS IMPORTER OF RECORD: (CANADIAN TRUCK SHIPMENTS) AEI CUSTOMS BROKERAGE SERVICE 2555 20TH ST. PORT HURON, MI. 48060 TELE: 313-987-4444 FAX: 313-987-9660</p>
<p>W2W</p>	<p>=====</p> <p>SHIP FREIGHT PREPAID CARE OF HAMILTON SUNDSTRAND CUSTOMHOUSE BROKER: AEI CUSTOMS BROKERAGE SERVICE 10601A SEYMOUR AVENUE FRANKLIN PARK, ILLINOIS 60131 TELEPHONE: 847/233-7900 FAX: 847/233-5797</p> <p>FREIGHT COSTS MUST BE RECORDED SEPARATELY ON YOUR INVOICE, WHICH MUST ACCOMPANY THE GOODS. THE COUNTRY OF ORIGIN OF THE GOODS MUST BE RECORDED ON THE INVOICE. APPROPRIATE IMPORT AUTHORIZATIONS MUST BE RECORDED ON YOUR INVOICE. A COMPLETED CERTIFICATE OF APPRAISAL MUST ACCOMPANY THE GOODS ALONG WITH A COPY OF THE FREIGHT BILL. FAX INTERNATIONAL REGULATORY ADMINISTRATION A NOTIFICATION OF SHIPMENT, ONE DAY PRIOR TO SHIPMENT AT: 815/226-5374.</p>
<p>W22</p>	<p>SHIPMENT PREPAID TO CHICAGO BY AIR IN CARE OF RADIX GROUP INTERNATIONAL 745 DILLON DRIVE WOOD DALE, ILLINOIS 60191-1298 RADIX GROUP INTERNATIONAL TO FORWARD TO SUNDSTRAND AEROSPACE.</p>

<p>W29</p>	<p>SYSTEM/CONTRACT GOVERNMENT RELEASES IN THE EVENT A RELEASE IS IN SUPPORT OF A GOVERNMENT CONTRACT, THE FOLLOWING CONDITIONS INSTRUCTIONS MUST APPLY: CONDITIONS, US GOVERNMENT, DATED JANUARY 2001, REV. NONE ARE APPLICABLE TO ALL PURCHASE ORDERS ISSUED UNDER GOVERNMENT CONTRACTS. 2) SUCH RELEASES WILL INDICATE THE PROPER GOVERNMENT PRIORITY RATING ON THE FACE OF THE RELEASE INDICATING THE REQUIREMENT IS FOR NATIONAL DEFENSE AND REQUIRES COMPLIANCE WITH DPAS REGULATION 15 CFR PART 700. WRITTEN ACCEPTANCE OR REJECTION OF THE RELEASE IS REQUIRED WITHIN 10 DAYS IF DX RATED OR 15 DAYS IF DO RATED. 3) THIS NOTIFICATION OF ACCEPTANCE/REJECTION IS TO BE ACCOMPLISHED BY SIGNING EACH SUCH RELEASE AND FAXING A COPY TO THE ATTENTION OF THE APPROPRIATE BUYER.</p>
<p>W33</p>	<p>THIS ORDER IS FOR DOCUMENTING RECEIPT OF CUSTOMER SUPPLIED GOODS. THIS IS NOT A P.O.. THE PREPRINTED TERMS AND CONDITIONS ON THIS ORDER DO NOT APPLY. NO COST OR LIABILITY, INCLUDING SALE PRICE, REPAIR COST, RISK OF LOSS, FREIGHT, PACKAGING, AND HANDLING OF THE GOODS WILL BE ASSUMED BY SUNDSTRAND. REFERENCE THE SUNDSTRAND RECEIVING ORDER NUMBER, STOCK CONTROL NUMBER, AND REVISION LETTER ON YOUR PACKING LIST. SHIP PREPAID.</p>
<p>W34</p>	<p>THIS ORDER MAY BE CANCELLED AT ANY TIME WITHOUT RECOURSE TO HAMILTON SUNDSTRAND CO.</p>
<p>W36</p>	<p>VALUE.</p>
<p>W37</p>	<p>=====</p> <p>INSURANCE REQUIREMENTS: SUPPLIER, ITS AGENTS AND SUBCONTRACTORS SHALL CARRY PUBLIC LIABILITY AND AUTOMOTIVE INSURANCE POLICIES WITH LIMITS OF AT LEAST \$1,000,000.00 SINGLE LIMIT COVERAGE. THE SUPPLIER, ITS AGENTS AND SUBCONTRACTORS SHALL, AT THEIR OWN EXPENSE, BENEFITS TO THEIR EMPLOYEES ENGAGED IN THIS WORK, AND/OR THEIR DEPENDENTS, IN ACCORDANCE WITH THE LAWS OF THE STATE IN WHICH THE WORK IS CONDUCTED. A CERTIFICATE OF INSURANCE IS REQUIRED PRIOR TO START OF WORK. SUBMIT TO THE ATTENTION OF THE BUYER LISTED HEREIN. DUE TO INSURANCE AND LIABILITY ISSUES, THE CONTRACTOR IS NOT ALLOWED TO USE HAMILTON-CONTRACTOR MUST PROVIDE THEIR OWN TOOLS AND EQUIPMENT OR MUST RENT THEM FROM AN OUTSIDE SOURCE. EXCEPTIONS MAY ONLY BE GRANTED BY THE BUYER LISTED HEREIN.</p>

W5X	<p>DATED JANUARY 2001, REV. NONE TAKE PRECEDENCE OVER THE PRE-PRINTED TERMS AND CONDITIONS PRINTED ON THE REVERSE SIDE OF THIS ORDER. *****</p>
W6J	<p>IN CONNECTION WITH SERVICES RENDERED PURSUANT TO THIS PURCHASE ORDER, CHEMICAL PROCESSING SHALL HOLD ON CONSIGNMENT SUNDSTRAND-OWNED SONIC CLEANER (IDENTIFIED BY THE ASSET TAG, FE3786) WHICH CLEANER SHALL BE USED IN STRICT ACCORDANCE WITH THE TERMS AND CONDITIONS SET FORTH ON THE REVERSE SIDE. ALSO, CHEMICAL PROCESSING SHALL INDEMNIFY AND HOLD HARMLESS SUNDSTRAND, ITS OFFICERS AND EMPLOYEES, FROM ANY LOSS, COST, DAMAGE, EXPENSE OR LIABILITY BY REASON OF PROPERTY DAMAGE OR PERSONAL INJURY OF WHATSOEVER NATURE OR KIND, WHICH ARISES OUT OF, OR AS A RESULT OF, OR IS OTHERWISE OCCASIONED IN WHOLE OR IN PART BY THE USE OR OPERATION OF THE AFOREMENTIONED CLEANER, THE FOREGOING OBLIGATION OF INDEMNITY TO BE IN ADDITION TO, AND NOT IN LIEU OF, ANY OTHER OBLIGATION OR DUTY SET FORTH IN THE AFORESAID TERMS AND CONDITIONS.</p>
W62	<p>===== THIS IS AN INTERDIVISIONAL WORK AUTHORIZATION THIS IS AN AGREEMENT BETWEEN INDEPENDENT SUBSIDIARIES OF HAMILTON SUNDSTRAND CORPORATION. TERMS & CONDITIONS DO NOT APPLY. OBLIGATIONS ARE AS ESTABLISHED BY THE =====</p>
W63	<p>THIS PURCHASE ORDER IS PART OF A SUNDSTRAND CORPORATE PURCHASING AGREEMENT (CPA). THE TERMS AND CONDITIONS OF THE CPA ARE ON FILE AT SUNDSTRAND CORPORATE AND ALSO IN THE PURCHASING LOCATIONS WHICH ARE INVOLVED IN THIS ACTIVITY.</p>
W92	<p>THIS PURCHASE ORDER HAS BEEN ACCEPTED INTO THE SUNDSTRAND ELECTRONIC MEDIA. WRITTEN ACKNOWLEDGEMENT OF RECEIPT OF ORDER PER PURCHASING POLICY HEREBY WAIVED.</p>
W96	<p>IN ADDITION TO THE STANDARD TERMS AND CONDITIONS, US GOVERNMENT, DATED JANUARY 2001, REV NONE, THE FOLLOWING DOCUMENT IS HEREBY INCORPORATED AND MADE PART OF THIS ORDER: 05/31/94, ENTITLED: SUBCONTRACT FLOWDOWN, F22 MEPGS, F33657-91-C-0006. SHOULD SELLER NOT HAVE A COPY OF THIS DOCUMENT, CONTACT THE BUYER.</p>
W97	<p>BUYER AUTHORIZES THE SUPPLIER TO OVERSHIP UP TO 5% ON THIS ORDER, IF THE ORDER QUANTITY IS OVER 100 PIECES AND 10% OF THE ORDER IS LESS THAN 10 PIECES. SUPPLIER SHALL CONTACT THE BUYER PRIOR TO SHIPPING WITH THE ACTUAL YIELD QUANTITY AND OBTAIN APPROVAL TO SHIP. *****</p>

XAA	XX X X XX REMINDERS FOR THE ORDER SUGGESTION ONLY XX X X XX
XAB	SPECIAL TERMS AND CONDITIONS ARE APPLICABLE TO THE DOOR DRIVE ACTUATION SYSTEM.
XAC	SPECIAL TERMS AND CONDITIONS ARE APPLICABLE TO THE SPACE STATION PROGRAM. CONTACT PURCHASING ADMINISTRATION FOR CONTRACTUAL FLOWDOWN.
XXA	ADD G.S.I. STATEMENT TO PURCHASE ORDER. SUBMIT FIVE (5) COPIES OF THE PURCHASE ORDER, THREE (3) COPIES OF BLUEPRINT(S) AND GSI FORM 7203A TO PQA FOR GOVERNMENT DELEGATION IF GOVERNMENT SOURCE INSPECTION IS REQUIRED.
XXB	SPACE SHUTTLE DATA REVIEW FORM NO. 3708 MUST BE COMPLETED AND SIGNED OFF PRIOR TO ISSUING REQUEST FOR QUOTE OR PURCHASE ORDER.
XXC	SPECIAL LANTIRN PROVISIONS, DATED 09-09-88 ENTITLED: APPENDIX A1 APPLY IN ADDITION TO THOSE DESCRIBED IN THE PURCHASE ORDER. IF YOU DO NOT HAVE A COPY OF THIS DOCUMENT, CONTACT THE COGNIZANT BUYER.
XXX	CONTACT YOUR BUYER. THIS PART HAS EITHER A CONTROLLED SOURCE AND/OR PROCESS(ES). IF YOU HAVE ANY QUESTIONS,
XX4	SUNDSTRAND MUST SUPPLY THE BANDS AND HUBS FOR THIS ASSEMBLY IF IG TECHNOLOGIES IS TO BE THE SUPPLIER. ALL PURCHASE ORDERS FOR THIS PART MUST BE REVIEWED BY PQA.
XX5	BUYER NOTE: ITEMS MAY NOT BE QUOTED OR PROCURED FROM FOREIGN SUPPLIERS UNLESS APPROVED IN WRITING BY MCDONNELL DOUGLAS. ADDITIONALLY, SPECIAL CONDITIONS APPLY TO OFFSET - PLEASE CONTACT PURCHASING ADMINISTRATION.
XX6	SPECIAL PROVISIONS APPLY TO THIS PROGRAM, CONTACT ADMINISTRATION FOR COPIES.
X23	BUYER PLEASE NOTE: SUNDSTRAND TO SUPPLY RAW MATERIAL
YAA	YYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYY Y Y YYYY RECORDS AND RECORD RETENTION YYYYYYYYYY Y Y YYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYY
YA1	NASA RECORD RETENTION PERIOD OF 10 YEARS FROM DATE OF ORDER COMPLETION APPLIES TO THIS PROCUREMENT. IN ADDITION IT SHALL BE THE SUPPORTIONS OF THESE TERMS AND CONDITIONS TO THEIR SUBCONTRACTORS AND/OR SUPPLIERS.

ZE1	GOVERNMENT PRIME CONTRACT NUMBER: GOVERNMENT PRIORITY RATING:
ZE2	GOVERNMENT PRIME CONTRACT NUMBER: F34601-96-C-0326 GOVERNMENT PRIORITY RATING: DOA1
ZE3	GOVERNMENT PRIME CONTRACT NUMBER: GOVERNMENT PRIORITY RATING:
ZE4	GOVERNMENT PRIME CONTRACT NUMBER: GOVERNMENT PRIORITY RATING:
ZE5	GOVERNMENT PRIME CONTRACT NUMBER: GOVERNMENT PRIORITY RATING:
ZE6	GOVERNMENT PRIME CONTRACT NUMBER: GOVERNMENT PRIORITY RATING:
ZE8	GOVERNMENT PRIME CONTRACT NUMBER: GOVERNMENT PRIORITY RATING:
ZE9	GOVERNMENT PRIME CONTRACT NUMBER: DAAB07-98-D-H502-0033 GOVERNMENT PRIORITY RATING: DOA7
ZFF	GOVERNMENT PRIME CONTRACT NUMBER: F33657-97-C-0030 GOVERNMENT PRIORITY RATING: DOA1
ZF1	GOVERNMENT PRIME CONTRACT NUMBER: GOVERNMENT PRIORITY RATING:
ZF2	GOVERNMENT PRIME CONTRACT NUMBER: F34601-98-G-0008-UB9W GOVERNMENT PRIORITY RATING: DOA1
ZF3	GOVERNMENT PRIME CONTRACT NUMBER: GOVERNMENT PRIORITY RATING:
ZG1	GOVERNMENT PRIME CONTRACT NUMBER: GOVERNMENT PRIORITY RATING:
ZG2	GOVERNMENT PRIME CONTRACT NUMBER: GOVERNMENT PRIORITY RATING:
ZG3	GOVERNMENT PRIME CONTRACT NUMBER: F34601-98-G-0008-EP51 GOVERNMENT PRIORITY RATING: DOA3
ZG4	GOVERNMENT PRIME CONTRACT NUMBER: GOVERNMENT PRIORITY RATING:
ZG5	GOVERNMENT PRIME CONTRACT NUMBER: GOVERNMENT PRIORITY RATING:
ZG6	GOVERNMENT PRIME CONTRACT NUMBER: GOVERNMENT PRIORITY RATING:
ZG7	GOVERNMENT PRIME CONTRACT NUMBER: GOVERNMENT PRIORITY RATING:
ZG8	GOVERNMENT PRIME CONTRACT NUMBER: GOVERNMENT PRIORITY RATING:

ZG9	GOVERNMENT PRIME CONTRACT NUMBER: GOVERNMENT PRIORITY RATING:
ZH1	GOVERNMENT PRIME CONTRACT NUMBER: GOVERNMENT PRIORITY RATING:
ZH2	GOVERNMENT PRIME CONTRACT NUMBER: GOVERNMENT PRIORITY RATING:
ZH3	GOVERNMENT PRIME CONTRACT NUMBER: GOVERNMENT PRIORITY RATING:
ZH4	GOVERNMENT PRIME CONTRACT NUMBER: N00019-96-C-0054 GOVERNMENT PRIORITY RATING: DOA1
ZH5	GOVERNMENT PRIME CONTRACT NUMBER: GOVERNMENT PRIORITY RATING:
ZH6	GOVERNMENT PRIME CONTRACT NUMBER: NAS9-18154 GOVERNMENT PRIORITY RATING: DOC9
ZH7	GOVERNMENT PRIME CONTRACT NUMBER: F34601-00-G-0019 GOVERNMENT PRIORITY RATING: DOA1
ZH8	GOVERNMENT PRIME CONTRACT NUMBER: F33657-87-C-2001 GOVERNMENT PRIORITY RATING: DXA1
ZH9	GOVERNMENT PRIME CONTRACT NUMBER: GOVERNMENT PRIORITY RATING:
ZJ1	GOVERNMENT PRIME CONTRACT NUMBER: GOVERNMENT PRIORITY RATING:
ZJ2	GOVERNMENT PRIME CONTRACT NUMBER: GOVERNMENT PRIORITY RATING:
ZJ3	GOVERNMENT PRIME CONTRACT NUMBER: N00383-98-D-9701-5003 GOVERNMENT PRIORITY RATING: DOA1
ZJ4	GOVERNMENT PRIME CONTRACT NUMBER: NAS9-18200 GOVERNMENT PRIORITY RATING: DOC9
ZJ6	GOVERNMENT PRIME CONTRACT NUMBER: GOVERNMENT PRIORITY RATING:
ZJ7	GOVERNMENT PRIME CONTRACT NUMBER: F33657-81-C-0067 GOVERNMENT PRIORITY RATING: DXA1
ZJ8	GOVERNMENT PRIME CONTRACT NUMBER: F34601-89-G-6672 GOVERNMENT PRIORITY RATING: DOA1

ZJ9	GOVERNMENT PRIME CONTRACT NUMBER: N00024-85-C-6041 GOVERNMENT PRIORITY RATING: DOA7
ZK1	GOVERNMENT PRIME CONTRACT NUMBER: GOVERNMENT PRIORITY RATING:
ZK2	GOVERNMENT PRIME CONTRACT NUMBER: GOVERNMENT PRIORITY RATING:
ZK3	GOVERNMENT PRIME CONTRACT NUMBER: F34601-98-G-0008-TYW1 GOVERNMENT PRIORITY RATING: DOA1
ZK4	GOVERNMENT PRIME CONTRACT NUMBER: F34604-98-G-0008-TYZ7 GOVERNMENT PRIORITY RATING: DOA1
ZK6	GOVERNMENT PRIME CONTRACT NUMBER: F34601-98-G-0008-UB6V GOVERNMENT PRIORITY RATING: DOA1
ZK7	GOVERNMENT PRIME CONTRACT NUMBER: DAAJ09-90-C-1455 GOVERNMENT PRIORITY RATING: DOA1
ZK8	GOVERNMENT PRIME CONTRACT NUMBER: TBD GOVERNMENT PRIORITY RATING: TBD
ZK9	GOVERNMENT PRIME CONTRACT NUMBER: NAS8-36300 GOVERNMENT PRIORITY RATING: DOA2
ZLP	GOVERNMENT PRIME CONTRACT NUMBER: F41608-97-C-0180 GOVERNMENT PRIORITY RATING: DOC9
ZLU	GOVERNMENT PRIME CONTRACT NUMBER: F34601-98-G-0008-UBBL GOVERNMENT PRIORITY RATING: DOA2
ZL4	GOVERNMENT PRIME CONTRACT NUMBER: GOVERNMENT PRIORITY RATING:
ZL5	GOVERNMENT PRIME CONTRACT NUMBER: GOVERNMENT PRIORITY RATING:
ZM1	GOVERNMENT PRIME CONTRACT NUMBER: GOVERNMENT PRIORITY RATING:
ZM2	GOVERNMENT PRIME CONTRACT NUMBER: N00383-93-G-M111-UZ74 GOVERNMENT PRIORITY RATING: DOA1

ZM3	GOVERNMENT PRIME CONTRACT NUMBER: F34601-98-G-0008-TYV5 GOVERNMENT PRIORITY RATING: DOA1
ZM4	GOVERNMENT PRIME CONTRACT NUMBER: F34601-00-C-0008 GOVERNMENT PRIORITY RATING: DOA1
ZM5	GOVERNMENT PRIME CONTRACT NUMBER: F33600-96-D-0057 GOVERNMENT PRIORITY RATING: DOA1
ZM6	GOVERNMENT PRIME CONTRACT NUMBER: GOVERNMENT PRIORITY RATING:
ZM7	GOVERNMENT PRIME CONTRACT NUMBER: GOVERNMENT PRIORITY RATING:
ZM8	GOVERNMENT PRIME CONTRACT NUMBER: GOVERNMENT PRIORITY RATING:
ZN1	GOVERNMENT PRIME CONTRACT NUMBER: GOVERNMENT PRIORITY RATING:
ZN2	GOVERNMENT PRIME CONTRACT NUMBER: F34601-98-G-0008-UB5R GOVERNMENT PRIORITY RATING: DOA1
ZN3	GOVERNMENT PRIME CONTRACT NUMBER: F34601-99-C-0387 GOVERNMENT PRIORITY RATING: DOA1
ZN6	GOVERNMENT PRIME CONTRACT NUMBER: SP0441-00-M-K333 GOVERNMENT PRIORITY RATING: DOA1
ZN7	GOVERNMENT PRIME CONTRACT NUMBER: F34601-98-G-0008-TYV8 GOVERNMENT PRIORITY RATING: DOA1
ZOS	***** PLEASE NOTE ***** THE FOLLOWING APPLIES TO ALL ORDERS CONTAIN- ING A "Z" IN THE PREFIX OF THE P.O. NUMBER. OTHER THAN THOSE PERTAINING TO MATERIAL AND WORKMANSHIP, THE SPECIFICATIONS ON THIS PURCHASE ORDER ARE NOT APPLICABLE UNLESS CALLED OUT ON THE J.I.S. (JOB INSTRUCTION SHEET), SKETCH, AND/OR SPECIAL TEXT INSTRUC- TIONS PROVIDED FOR THIS PROCESS. *****
ZPW	GOVERNMENT PRIME CONTRACT NUMBER: F33657-94-C-2155 GOVERNMENT PRIORITY RATING: DXA1
ZP1	GOVERNMENT PRIME CONTRACT NUMBER: GOVERNMENT PRIORITY RATING:

ZP2	GOVERNMENT PRIME CONTRACT NUMBER: F34601-98-G-0008-UB1E GOVERNMENT PRIORITY RATING: DOA1
ZP3	GOVERNMENT PRIME CONTRACT NUMBER: N00383-93-G-M111-UZJ4 GOVERNMENT PRIORITY RATING: DOA1
ZP4	GOVERNMENT PRIME CONTRACT NUMBER: F34601-98-G-0008-TYZ9 GOVERNMENT PRIORITY RATING: DOA1
ZP5	GOVERNMENT PRIME CONTRACT NUMBER: SP0400-98-D-9701-0045 GOVERNMENT PRIORITY RATING: DOA1
ZP6	GOVERNMENT PRIME CONTRACT NUMBER: F34601-00-C-0007 GOVERNMENT PRIORITY RATING: DOA1
ZP7	GOVERNMENT PRIME CONTRACT NUMBER: NAS10-11500 GOVERNMENT PRIORITY RATING: DOA2
ZP8	GOVERNMENT PRIME CONTRACT NUMBER: F33600-96-D-0057 GOVERNMENT PRIORITY RATING: DOA1
ZP9	GOVERNMENT PRIME CONTRACT NUMBER: NAS9-14000 GOVERNMENT PRIORITY RATING: DOA2
ZQ5	GOVERNMENT PRIME CONTRACT NUMBER: NAS9-14000 GOVERNMENT PRIORITY RATING: DOA2
ZQ6	GOVERNMENT PRIME CONTRACT NUMBER: NAS9-20000 GOVERNMENT PRIORITY RATING: DOA2
ZQ7	GOVERNMENT PRIME CONTRACT NUMBER: NAS9-20000 GOVERNMENT PRIORITY RATING: DOA2
ZQ8	GOVERNMENT PRIME CONTRACT NUMBER: F34601-76A-0010-0090 GOVERNMENT PRIORITY RATING: DOA1
ZR2	GOVERNMENT PRIME CONTRACT NUMBER: F34601-97-C-0390 GOVERNMENT PRIORITY RATING: DXA1

ZR3	GOVERNMENT PRIME CONTRACT NUMBER: F34601-98-G-0008-UBL9 GOVERNMENT PRIORITY RATING: DOA1
ZR4	GOVERNMENT PRIME CONTRACT NUMBER: F34601-98-G-0008-0029 GOVERNMENT PRIORITY RATING: DOA1
ZR5	GOVERNMENT PRIME CONTRACT NUMBER: F34601-95-C-0270 GOVERNMENT PRIORITY RATING: DOA1
ZT3	GOVERNMENT PRIME CONTRACT NUMBER: GOVERNMENT PRIORITY RATING:
ZT5	GOVERNMENT PRIME CONTRACT NUMBER: F41608-00-M-0205 GOVERNMENT PRIORITY RATING: DOA1
ZT9	GOVERNMENT PRIME CONTRACT NUMBER: GOVERNMENT PRIORITY RATING:
ZU1	GOVERNMENT PRIME CONTRACT NUMBER: GOVERNMENT PRIORITY RATING:
ZU6	GOVERNMENT PRIME CONTRACT NUMBER: F34601-98-G-0008-TYU1 GOVERNMENT PRIORITY RATING: DOA1
ZU7	GOVERNMENT PRIME CONTRACT NUMBER: GOVERNMENT PRIORITY RATING:
ZU8	GOVERNMENT PRIME CONTRACT NUMBER: N00039-88-C-0051 GOVERNMENT PRIORITY RATING: DOA7
ZU9	GOVERNMENT PRIME CONTRACT NUMBER: GOVERNMENT PRIORITY RATING:
ZV3	GOVERNMENT PRIME CONTRACT NUMBER: GOVERNMENT PRIORITY RATING:
ZV5	GOVERNMENT PRIME CONTRACT NUMBER: N00383-98-D-9701-0001 GOVERNMENT PRIORITY RATING: DOA1
ZV9	GOVERNMENT PRIME CONTRACT NUMBER: GOVERNMENT PRIORITY RATING:
ZW2	GOVERNMENT PRIME CONTRACT NUMBER: F34601-98-G-0008-0049 GOVERNMENT PRIORITY RATING: DOA1
ZW4	GOVERNMENT PRIME CONTRACT NUMBER: SP0750-00-M-L152 GOVERNMENT PRIORITY RATING: DOA1
ZW9	GOVERNMENT PRIME CONTRACT NUMBER:

	GOVERNMENT PRIORITY RATING:
ZY3	GOVERNMENT PRIME CONTRACT NUMBER: F34601-98-G-0008-UB9E GOVERNMENT PRIORITY RATING: DOA1
ZY4	GOVERNMENT PRIME CONTRACT NUMBER: F34601-98-G-0008-UB7W GOVERNMENT PRIORITY RATING: DOA1
ZY9	GOVERNMENT PRIME CONTRACT NUMBER: F34601-98-G-0008-TY09 GOVERNMENT PRIORITY RATING: DOA1
ZZ1	GOVERNMENT PRIME CONTRACT NUMBER: F34601-98-G-0008-TYN7 GOVERNMENT PRIORITY RATING: DOA1
ZZ2	GOVERNMENT PRIME CONTRACT NUMBER: GOVERNMENT PRIORITY RATING:
ZZ5	GOVERNMENT PRIME CONTRACT NUMBER: F33657-97-C-0008 GOVERNMENT PRIORITY RATING: DXA1
ZZ6	GOVERNMENT PRIME CONTRACT NUMBER: GOVERNMENT PRIORITY RATING:
ZZ7	GOVERNMENT PRIME CONTRACT NUMBER: GOVERNMENT PRIORITY RATING:
ZZ8	GOVERNMENT PRIME CONTRACT NUMBER: F33657-91-C-0006 GOVERNMENT PRIORITY RATING: DOA1
ZZ9	GOVERNMENT PRIME CONTRACT NUMBER: F42610-95-C-0043 GOVERNMENT PRIORITY RATING: DOA1
Z1A	GOVERNMENT PRIME CONTRACT NUMBER: F34601-98-G-0008-SA39 GOVERNMENT PRIORITY RATING: DOA1
Z1B	GOVERNMENT PRIME CONTRACT NUMBER: SP0700-98-D-9701-0130 GOVERNMENT PRIORITY RATING: D0A1
Z1C	GOVERNMENT PRIME CONTRACT NUMBER: F34601-98-G-0008-SM09 GOVERNMENT PRIORITY RATING: DOA7
Z1D	GOVERNMENT PRIME CONTRACT NUMBER: TBD GOVERNMENT PRIORITY RATING: TBD

Z1J	GOVERNMENT PRIME CONTRACT NUMBER: F34601-98-G-0008-TYC6 GOVERNMENT PRIORITY RATING: DOA1
Z1K	GOVERNMENT PRIME CONTRACT NUMBER: F04701-96-C-0001 GOVERNMENT PRIORITY RATING: DOA1
Z1N	GOVERNMENT PRIME CONTRACT NUMBER: NAS8-36300 GOVERNMENT PRIORITY RATING: DOA2
Z1O	GOVERNMENT PRIME CONTRACT NUMBER: GOVERNMENT PRIORITY RATING:
Z1P	GOVERNMENT PRIME CONTRACT NUMBER: N00019-00-G-0177 GOVERNMENT PRIORITY RATING: DOA7
Z1T	GOVERNMENT PRIME CONTRACT NUMBER: TBD GOVERNMENT PRIORITY RATING: TBD
Z1U	GOVERNMENT PRIME CONTRACT NUMBER: N00019-95-C-0181 GOVERNMENT PRIORITY RATING: DOA1
Z1V	GOVERNMENT PRIME CONTRACT NUMBER: N00383-91-G-K026-YP09 GOVERNMENT PRIORITY RATING: DOA1
Z1W	GOVERNMENT PRIME CONTRACT NUMBER: NAS10-12200 GOVERNMENT PRIORITY RATING: DOA2
Z1Z	GOVERNMENT PRIME CONTRACT NUMBER: DAAAH23-00-C-A01 GOVERNMENT PRIORITY RATING: DOA1
Z10	GOVERNMENT PRIME CONTRACT NUMBER: NAS9-20000 GOVERNMENT PRIORITY RATING: DOC9
Z12	GOVERNMENT PRIME CONTRACT NUMBER: GOVERNMENT PRIORITY RATING:
Z16	GOVERNMENT PRIME CONTRACT NUMBER: N00019-97-C-0038 GOVERNMENT PROIRITY RATING: DOA1
Z18	GOVERNMENT PRIME CONTRACT NUMBER: NAS3-25945 GOVERNMENT PRIORITY RATING: DOA1

Z19	GOVERNMENT PRIME CONTRACT NUMBER: F33657-84-C-0004 GOVERNMENT PRIORITY RATING: DOA2
Z2A	GOVERNMENT PRIME CONTRACT NUMBER: F34601-98-G-0008-TYL2 GOVERNMENT PRIORITY RATING: DOA1
Z2C	GOVERNMENT PRIME CONTRACT NUMBER: F34601-98-G-0008-TYW8 GOVERNMENT PRIORITY RATING: D0A1
Z2D	GOVERNMENT PRIME CONTRACT NUMBER: TBD GOVERNMENT PRIORITY RATING: TBD
Z2G	GOVERNMENT PRIME CONTRACT NUMBER: F34601-86-G-0254-BS01 GOVERNMENT PRIORITY RATING: DOA1
Z2H	GOVERNMENT PRIME CONTRACT NUMBER: TO BE DETERMINED GOVERNMENT PRIORITY RATING: TO BE DETERMINED
Z2J	GOVERNMENT PRIME CONTRACT NUMBER: F34601-98-G-0008-UB6H GOVERNMENT PRIORITY RATING: DOA1
Z2K	GOVERNMENT PRIME CONTRACT NUMBER: TBD GOVERNMENT PRIORITY RATING TBD
Z2L	GOVERNMENT PRIME CONTRACT NUMBER: F04606-89-G-0100-SD68 GOVERNMENT PRIORITY RATING: DOA1
Z2M	GOVERNMENT PRIME CONTRACT NUMBER: NAS9-99090 GOVERNMENT PRIORITY RATING: DOC9
Z2N	GOVERNMENT PRIME CONTRACT NUMBER: F34601-89-C-0401 GOVERNMENT PRIORITY RATING: DXA1
Z2O	GOVERNMENT PRIME CONTRACT NUMBER: F34601-89-C-2742 GOVERNMENT PRIORITY RATING: DXA1
Z2P	GOVERNMENT PRIME CONTRACT NUMBER: F34601-89-C-2742 GOVERNMENT PRIORITY RATING: DXA1

Z2R	GOVERNMENT PRIME CONTRACT NUMBER: F34601-80-G-0192-1708 GOVERNMENT PRIORITY RATING: DOA1C
Z2U	GOVERNMENT PRIME CONTRACT NUMBER: F04704-91-C-0022 GOVERNMENT PRIORITY RATING: DXA1
Z2V	GOVERNMENT PRIME CONTRACT NUMBER: N00383-90-G-M104-QK01 GOVERNMENT PRIORITY RATING: DOC9
Z2W	GOVERNMENT PRIME CONTRACT NUMBER: TBD GOVERNMENT PRIORITY RATING: TBD
Z2X	GOVERNMENT PRIME CONTRACT NUMBER: F34601-98-G-0008-UB9N GOVERNMENT PRIORITY RATING: DOA1
Z2Y	GOVERNMENT PRIME CONTRACT NUMBER: F04606-88-G-0052-SA54 GOVERNMENT PRIORITY RATING: DOA1
Z20	GOVERNMENT PRIME CONTRACT NUMBER: TBD GOVERNMENT PRIORITY RATING: TBD
Z21	GOVERNMENT PRIME CONTRACT NUMBER: F34601-98-G-0008-GC09 GOVERNMENT PRIORITY RATING: DOA1
Z22	GOVERNMENT PRIME CONTRACT NUMBER: F34601-93-G-0001-SA43 GOVERNMENT PRIORITY RATING: DOA1
Z23	GOVERNMENT PRIME CONTRACT NUMBER: F34601-89-G-6684-SA61 GOVERNMENT PRIORITY RATING: DOA1
Z24	GOVERNMENT PRIME CONTRACT NUMBER: F34601-98-G-0008-TYK2 GOVERNMENT PRIORITY RATING: DOA1
Z25	GOVERNMENT PRIME CONTRACT NUMBER: F04606-89-G-0035-TZ34 GOVERNMENT PRIORITY RATING: DOA1
Z26	GOVERNMENT PRIME CONTRACT NUMBER: GOVERNMENT PRIORITY RATING:

Z27	GOVERNMENT PRIME CONTRACT NUMBER: N00383-93-G-M111-TYJM GOVERNMENT PRIORITY RATING: DOA1
Z28	GOVERNMENT PRIME CONTRACT NUMBER: NAS10-11500 GOVERNMENT PRIORITY RATING: DOA2
Z29	GOVERNMENT PRIME CONTRACT NUMBER: N00140-81-C-BF10 GOVERNMENT PRIORITY RATING: DOC9
Z3A	GOVERNMENT PRIME CONTRACT NUMBER: F34601-98-G-0008-TYAR GOVERNMENT PRIORITY RATING: DOA1
Z3B	GOVERNMENT PRIME CONTRACT NUMBER: N00019-84-C-0270 GOVERNMENT PRIORITY RATING DOA1
Z3C	GOVERNMENT PRIME CONTRACT NUMBER: F34601-89-G-6684-SA50 GOVERNMENT PRIORITY RATING: D0A1
Z3D	GOVERNMENT PRIME CONTRACT NUMBER: F34601-98-G-0008-SA11 GOVERNMENT PRIORITY RATING DOA1
Z3E	GOVERNMENT PRIME CONTRACT NUMBER: F34601-89-G-6684-SA77 GOVERNMENT PRIORITY RATING DOA1
Z3F	GOVERNMENT PRIME CONTRACT NUMBER: N00383-90-G-M104-8272 GOVERNMENT PRIORITY RATING DOA1
Z3G	GOVERNMENT PRIME CONTRACT NUMBER: NAS8-36300 GOVERNMENT PRIORITY RATING DOA2
Z3H	GOVERNMENT PRIME CONTRACT NUMBER: F33657-86-C-2085 GOVERNMENT PRIORITY RATING DOA1
Z3I	GOVERNMENT PRIME CONTRACT NUMBER: F34801-98-G-0008 GOVERNMENT PRIORITY RATING TBD
Z3J	GOVERNMENT PRIME CONTRACT NUMBER: F34601-98-G-0008-TY84 GOVERNMENT PRIORITY RATING DOA1

Z3K	GOVERNMENT PRIME CONTRACT NUMBER: F34601-98-G-0008-SA41 GOVERNMENT PRIORITY RATING: DOA1
Z3L	GOVERNMENT PRIME CONTRACT NUMBER: N00383-93-G-M111-TY49 GOVERNMENT PRIORITY RATING DOA1
Z3M	GOVERNMENT PRIME CONTRACT NUMBER: GOVERNMENT PRIORITY RATING
Z3N	GOVERNMENT PRIME CONTRACT NUMBER: NAS8-36100 GOVERNMENT PRIORITY RATING DOA2
Z3O	GOVERNMENT PRIME CONTRACT NUMBER: TBD GOVERNMENT PRIORITY RATING: TBD
Z3P	GOVERNMENT PRIME CONTRACT NUMBER; N00383-90-G-M1004-0135 GOVERNMENT PRIORITY RATING DOA1
Z3Q	GOVERNMENT PRIME CONTRACT NUMBER: NAS2-11771 GOVERNMENT PRIORITY RATING DOA1
Z3S	GOVERNMENT PRIME CONTRACT NUMBER: F33600-96-D-0057 GOVERNMENT PRIORITY RATING DOA1
Z3T	GOVERNMENT PRIME CONTRACT NUMBER: F04606-90-G-0030-SD02 GOVERNMENT PRIORITY RATING DOA1
Z3U	GOVERNMENT PRIME CONTRACT NUMBER: NAS9-14000 GOVERNMENT PRIORITY RATING DOA2
Z3V	GOVERNMENT PRIME CONTRACT NUMBER: NAS9-18200 GOVERNMENT PRIORITY RATING DOC9
Z3W	GOVERNMENT PRIME CONTRACT NUMBER: F34601-98-G-0008-0075 GOVERNMENT PRIORITY RATING DXA1
Z3X	GOVERNMENT PRIME CONTRACT NUMBER: F33657-81-C-0210 GOVERNMENT PRIORITY RATING DXA1

Z3Y	GOVERNMENT PRIME CONTRACT NUMBER: F34601-94-C-0070 GOVERNMENT PRIORITY RATING: DXA1
Z30	GOVERNMENT PRIME CONTRACT NUMBER: N00019-88-C-0050 GOVERNMENT PRIORITY RATING: DXA1
Z31	GOVERNMENT PRIME CONTRACT NUMBER: N68520-95-D-0010 GOVERNMENT PRIORITY RATING: DOA1
Z32	GOVERNMENT PRIME CONTRACT NUMBER: GOVERNMENT PRIORITY RATING:
Z33	GOVERNMENT PRIME CONTRACT NUMBER: DAAH01-89-C-0689 GOVERNMENT PRIORITY RATING: DOA2
Z34	GOVERNMENT PRIME CONTRACT NUMBER: NAS3-25554 GOVERNMENT PRIORITY RATING: DOC9
Z35	GOVERNMENT PRIME CONTRACT NUMBER: F34601-98-G-0008-GB21 GOVERNMENT PRIORITY RATING: DOA1
Z36	GOVERNMENT PRIME CONTRACT NUMBER: F33657-96-C-0034 GOVERNMENT PRIORITY RATING: DOA1
Z37	SUPPLIER PLEASE NOTE: THE ABOVE REFERENCED PRIORITY RATING SHOULD BE ALTERED TO READ AS FOLLOWS: GOVERNMENT PRIORITY NUMBER: DO-J-1
Z38	GOVERNMENT PRIME CONTRACT NUMBER: TBD GOVERNMENT PRIORITY RATING: DXA1
Z39	GOVERNMENT PRIME CONTRACT NUMBER: DAAK-51-83C-0015 GOVERNMENT PRIORITY RATING: DOA1
Z4A	GOVERNMENT PRIME CONTRACT NUMBER: N00019-80-C-3017 GOVERNMENT PRIORITY RATING: DXA2
Z4B	GOVERNMENT PRIME CONTRACT NUMBER: N00383-90-G-M104-EP51 GOVERNMENT PRIORITY RATING: DOA5

Z4C	GOVERNMENT PRIME CONTRACT NUMBER: N00019-93-C-0212 GOVERNMENT PRIORITY RATING: DXA1
Z4D	GOVERNMENT PRIME CONTRACT NUMBER: GOVERNMENT PRIORITY RATING:
Z4E	GOVERNMENT PRIME CONTRACT NUMBER: F34601-98-G-0008-0013 GOVERNMENT PRIORITY RATING: DOA1
Z4F	GOVERNMENT PRIME CONTRACT NUMBER: F33657-C-83-0533 GOVERNMENT PRIORITY RATING: DX-A1
Z4H	GOVERNMENT PRIME CONTRACT NUMBERS: NAS10-11500 GOVERNMENT PRIORITY RATING: DOA2
Z4I	GOVERNMENT PRIME CONTRACT NUMBER: NAS8-36100 GOVERNMENT PRIORITY RATING: DOA2
Z4J	GOVERNMENT PRIME CONTRACT NUMBER: DAAK-51-83-C-0015 GOVERNMENT PRIORITY RATING: DOA1
Z4K	GOVERNMENT PRIME CONTRACT NUMBER: N00030-94-C-0094 GOVERNMENT PRIORITY RATING: DXA2
Z4L	GOVERNMENT PRIME CONTRACT NUMBER: F33657-82-C-2117 GOVERNMENT PRIORITY RATING: DOA1
Z4M	GOVERNMENT PRIME CONTRACT NUMBER: N00024-88-C-6200 GOVERNMENT PRIORITY RATING: DXA6
Z4N	GOVERNMENT PRIME CONTRACT NUMBER: F33657-90-C-3307 GOVERNMENT PRIORITY RATING: DXA1
Z4O	GOVERNMENT PRIME CONTRACT NUMBER: GOVERNMENT PRIORITY RATING:
Z4P	GOVERNMENT PRIME CONTRACT NUMBER: N00030-99-C-0100 GOVERNMENT PRIORITY RATING: DXA2
Z4Q	GOVERNMENT PRIME CONTRACT NUMBER: F33657-90-C-3307 GOVERNMENT PRIORITY RATING: DXA1

Z4R	GOVERNMENT PRIME CONTRACT NUMBER: F34601-94-G-0027-SM41 GOVERNMENT PRIORITY RATING: DOA1
Z4S	GOVERNMENT PRIME CONTRACT NUMBER: TBD GOVERNMENT PRIORITY RATING: DXA1
Z4T	GOVERNMENT PRIME CONTRACT NUMBER: F34601-99-C-0117 GOVERNMENT PRIORITY RATING: DOA1
Z4U	GOVERNMENT PRIME CONTRACT NUMBER: SP0441-00-M-J725 GOVERNMENT PRIORITY RATING: DOA1
Z4V	GOVERNMENT PRIME CONTRACT NUMBER: N00019-95-C-0031 GOVERNMENT PRIORITY RATING: DOA1
Z4W	GOVERNMENT PRIME CONTRACT NUMBER: F34601-98-G-0008-TYM1 GOVERNMENT PRIORITY RATING: DOA1
Z4X	GOVERNMENT PRIME CONTRACT NUMBER: NAS9-17195 GOVERNMENT PRIORITY RATING: DOC9
Z4Y	GOVERNMENT PRIME CONTRACT NUMBER: NAS9-17800 GOVERNMENT PRIORITY RATING: DOA2
Z40	GOVERNMENT PRIME CONTRACT NUMBER: F33657-81-C-0210 GOVERNMENT PRIORITY RATING: DX-A1
Z41	GOVERNMENT PRIME CONTRACT NUMBER; N00019-88-C-0025 GOVERNMENT PRIORITY RATING: DX-A1
Z42	GOVERNMENT PRIME CONTRACT NUMBER: F33657-81-C-0210 GOVERNMENT PRIORITY RATING: DX-A1
Z43	GOVERNMENT PRIME CONTRACT NUMBER: F33657-81-C-0210 GOVERNMENT PRIORITY RATING: DX-A1
Z44	GOVERNMENT PRIME CONTRACT NUMBER: N00383-93-M111-5266 GOVERNMENT PRIORITY RATING: DOA1

Z45	GOVERNMENT PRIME CONTRACT NUMBER: F33657-81-C-0210 GOVERNMENT PRIORITY RATING: DX-A1
Z46	GOVERNMENT PRIME CONTRACT NUMBER: NAS10-11500 GOVERNMENT PRIORITY RATING: DOA2
Z47	GOVERNMENT PRIME CONTRACT NUMBER: F09604-88-C-0077 GOVERNMENT PRIORITY RATING: DXC9
Z48	GOVERNMENT PRIME CONTRACT NUMBER: N00019-96-C-0054 GOVERNMENT PRIORITY RATING: DOA1
Z49	GOVERNMENT PRIME CONTRACT NUMBER: F34601-98-G-0008-TYR5 GOVERNMENT PRIORITY RATING: DOA1
Z5A	GOVERNMENT PRIME CONTRACT NUMBER: F04704-91-C-0015 GOVERNMENT PRIORITY RATING: DXA2
Z5B	GOVERNMENT PRIME CONTRACT NUMBER: DAAJ09-85-C-A607 GOVERNMENT PRIORITY RATING: DOA3
Z5C	GOVERNMENT PRIME CONTRACT NUMBER: N00024-88-C-2028 GOVERNMENT PRIORITY RATING: DOA3
Z5D	GOVERNMENT PRIME CONTRACT NUMBER: F34601-89-C-0575 GOVERNMENT PRIORITY RATING: DOA1
Z5E	GOVERNMENT PRIME CONTRACT NUMBER: DAA09-85C-A607 GOVERNMENT PRIORITY RATING: DOH1
Z5F	GOVERNMENT PRIME CONTRACT NUMBER: N00019-85C-0145 DOA1
Z5G	GOVERNMENT PRIME CONTRACT NUMBER: N00383-93-M111-0030 GOVERNMENT PRIORITY RATING: DOA7
Z5H	GOVERNMENT PRIME CONTRACT NUMBER: F34601-94-G-0027-0173 GOVERNMENT PRIORITY RATING: DOA1

Z5J	GOVERNMENT PRIME CONTRACT NUMBER: N00019-97-C-0038 GOVERNMENT PRIORITY RATING: DOA1
Z5L	GOVERNMENT PRIME CONTRACT NUMBER: NAS10-11500 GOVERNMENT PRIORITY RATING: DOA2
Z5M	GOVERNMENT PRIME CONTRACT NUMBER: NAS3-27810 GOVERNMENT PRIORITY RATING: DOC9
Z5N	GOVERNMENT PRIME CONTRACT NUMBER: N00024-93-C-4012 GOVERNMENT PRIORITY RATING: DOA3
Z5P	GOVERNMENT PRIME CONTRACT NUMBER: F34601-93-G-0001-SA36 GOVERNMENT PRIORITY RATING: DOA1
Z5R	GOVERNMENT PRIME CONTRACT NUMBER: SP0700-98-D-9701-0155 GOVERNMENT PRIORITY RATING: DOA1
Z5S	GOVERNMENT PRIME CONTRACT NUMBER: NAS3-27078 GOVERNMENT PRIORITY RATING: DOC9
Z5T	GOVERNMENT PRIME CONTRACT NUMBER: NAS10-11500 GOVERNMENT PRIORITY RATING: DOA2
Z5U	GOVERNMENT PRIME CONTRACT NUMBER: F08626-96-C-0168 GOVERNMENT PRIORITY RATING: DOA2
Z5V	GOVERNMENT PRIME CONTRACT NUMBER: N00019-85-C-0145 GOVERNMENT PRIORITY RATING: DOA1
Z5W	GOVERNMENT PRIME CONTRACT NUMBER: F04606-90-G-0030-UD05 GOVERNMENT PRIORITY RATING: D0A7
Z5X	GOVERNMENT PRIME CONTRACT NUMBER: NAS9-17800 GOVERNMENT PRIORITY RATING: D0A2
Z5Y	GOVERNMENT PRIME CONTRACT NUMBER: F34601-99-C-0249 GOVERNMENT PRIORITY RATING: DOA1

Z5Z	GOVERNMENT PRIME CONTRACT NUMBER: MDA972-99-9-0006 GOVERNMENT PRIORITY RATING: DOA2
Z50	GOVERNMENT PRIME CONTRACT NUMBER: F34601-98-G-0008-UBC2 GOVERNMENT PRIORITY RATING: DOA1
Z51	GOVERNMENT PRIME CONTRACT NUMBER: F33615-87-C-2808 GOVERNMENT PRIORITY RATING: DOA1
Z52	GOVERNMENT PRIME CONTRACT NUMBER: F33657-87-C-2000 GOVERNMENT PRIORITY RATING: DXA1
Z53	GOVERNMENT PRIME CONTRACT NUMBER: NAS-8-36300 GOVERNMENT PRIORITY RATING: DOAS
Z54	GOVERNMENT PRIME CONTRACT NUMBER: SP0480-00-M-8269 GOVERNMENT PRIORITY RATING: DOA1
Z55	GOVERNMENT PRIME CONTRACT NUMER: N00383-87-G-7000-TZ92 GOVERNMENT PRIORITY RATING: DOC9E
Z57	GOVERNMENT PRIME CONTRACT NUMBER: F04606-89-G-0100-TY08 GOVERNMENT PRIORITY RATING: DOC9
Z58	GOVERNMENT PRIME CONTRACT NUMBER: DAAE07-91-C-R007 GOVERNMENT PRIORITY RATING: DOA1
Z59	GOVERNMENT PRIME CONTRACT NUMBER: F33657-91-C-0007 GOVERNMENT PRIORITY RATING: DOA1
Z6A	GOVERNMENT PRIME CONTRACT NUMBER: NAS9-14000 GOVERNMENT PRIORITY RATING: DOA2
Z6B	GOVERNMENT PRIME CONTRACT NUMBER: F41608-98-D-0475 GOVERNMENT PRIORITY RATING: DOA1
Z6C	GOVERNMENT PRIME CONTRACT NUMBER: F34601-98-G-0008-TY81 GOVERNMENT PRIORITY RATING: DOA1

Z6E	GOVERNMENT PRIME CONTRACT NUMBER: F41608-94-C-0636 GOVERNMENT PRIORITY RATING: DOA2
Z6F	GOVERNMENT PRIME CONTRACT NUMBER: F33657-89-C-0032 GOVERNMENT PRIORITY RATING: D0A1
Z6G	GOVERNMENT PRIME CONTRACT NUMBER: TBD GOVERNMENT PRIORITY RATING: TBD
Z6H	GOVERNMENT PRIME CONTRACT NUMBER: N00019-96-C-0065 GOVERNMENT PRIORITY RATING: DOA1
Z6J	GOVERNMENT PRIME CONTRACT NUMBER: N00383-93-G-M111-UZZ8 GOVERNMENT PRIORITY RATING: DOA7
Z6L	GOVERNMENT PRIME CONTRACT: F33657-94-0006 GOVERNMENT PRIORITY RATING: DOA1
Z6M	GOVERNMENT PRIME CONTRACT NUMBER: SP0430-99-M-D885 GOVERNMENT PRIORITY RATING: DOA1
Z6N	GOVERNMENT PRIME CONTRACT NUMBER: F34601-94-G-0027-UD10 GOVERNMENT PRIORITY RATING: DOA7
Z6P	GOVERNMENT PRIME CONTRACT NUMBER: F34601-98-G-0008-TYB7 GOVERNMENT PRIORITY RATING: DOA1
Z6R	GOVERNMENT PRIME CONTRACT NUMBER: N00019-00-C-0365 GOVERNMENT PRIORITY RATING: D0A1
Z6S	GOVERNMENT PRIME CONTRACT NUMBER: N00019-97-C-0114 GOVERNMENT PRIORITY RATING: DOA1
Z6T	GOVERNMENT PRIME CONTRACT NUMBER: F34601-91-G-7710-BS46 GOVERNMENT PRIORITY RATING: D0A1
Z6U	GOVERNMENT PRIME CONTRACT NUMBER: F34601-94-G-0027-SM93 GOVERNMENT PRIORITY RATING: DOA1

Z6V	GOVERNMENT PRIME CONTRACT NUMBER: N00019-99-C-1090 GOVERNMENT PRIORITY RATING: DOA1
Z6Y	GOVERNMENT PRIME CONTRACT: N00019-95-C-0223 GOVERNMENT PRIORITY RATING: DXA1
Z60	GOVERNMENT PRIME CONTRACT NUMBER: N00383-93-G-M111-TZST GOVERNMENT PRIORITY RATING: DOC9
Z61	GOVERNMENT PRIME CONTRACT NUMBER: TBD GOVERNMENT PRIORITY RATING: TBD
Z62	GOVERNMENT PRIME CONTRACT NUMBER: TBD GOVERNMENT PRIORITY RATING: DOA1
Z63	GOVERNMENT PRIME CONTRACT NUMBER: N00024-79-C-6043 GOVERNMENT PRIORITY RATING: DOA6
Z64	GOVERNMENT PRIME CONTRACT NUMBER: N00383-90-G-M104-0201 GOVERNMENT PRIORITY RATING: DOA1
Z65	GOVERNMENT PRIME CONTRACT NUMBER: F34601-98-G-0008-TZ1T GOVERNMENT PRIORITY RATING: DOC9
Z66	GOVERNMENT PRIME CONTRACT NUMBER: F41608-96-D-0853 GOVERNMENT PRIORITY RATING: DOA1
Z67	GOVERNMENT PRIME CONTRACT NUMBER: F04606-90-G-0030-GB01 GOVERNMENT PRIORITY RATING: DOA1
Z68	GOVERNMENT PRIME CONTRACT NUMBER: NAS9-18200 GOVERNMENT PRIORITY RATING: DOC9
Z69	GOVERNMENT PRIME CNTRACT NUMBER: F33657-87-C-2001 GOVERNMENT PRIORITY RATING: DXA1
Z7A	GOVERNMENT PRIME CONTRACT NUMBER: F34601-91-G-7710-BS11 GOVERNMENT PRIORITY RATING: DOA1

Z7B	GOVERNMENT PRIME CONTRACT NUMBER: N00383-90-G-M104-ES01 GOVERNMENT PRIORITY RATING: DOC9
Z7C	GOVERNMENT PRIME CONTRACT NUMBER: F34601-85-G-0047-UD42 GOVERNMENT PRIORITY RATING: DOA7
Z7D	GOVERNMENT PRIME CONTRACT NUMBER: F33657-87-C-0111 GOVERNMENT PRIORITY RATING: DOA1
Z7E	GOVERNMENT PRIME CONTRACT NUMBER: F41608-99-C-0133 GOVERNMENT PRIORITY RATING: DXA1
Z7F	GOVERNMENT PRIME CONTRACT NUMBER: F34601-93-G-0001-SA63 GOVERNMENT PRIORITY RATING: DOA1
Z7G	GOVERNMENT PRIME CONTRACT NUMBER: DAAJ09-91-C-A004 GOVERNMENT PRIORITY RATING: DOA1
Z7H	GOVERNMENT PRIME CONTRACT NUMBER: NAS9-20000 GOVERNMENT PRIORITY RATING: DOC9
Z7I	GOVERNMENT PRIME CONTRACT NUMBER: DAAJ009-91-C-A004 GOVERNMENT PRIORITY RATING: DOA1
Z7J	GOVERNMENT PRIME CONTRACT NUMBER: F33657-81-C-2108 GOVERNMENT PRIORITY RATING: DOA1
Z7K	GOVERNMENT PRIME CONTRACT NUMBER: N00383-93-G-M111-5082 GOVERNMENT PRIORITY RATING: DOA1
Z7L	GOVERNMENT PRIME CONTRACT NUMBER: NAS9-18200 GOVERNMENT PRIORITY RATING: DOC9
Z7M	GOVERNMENT PRIME CONTRACT NUMBER: F34601-98-G-0008-TYM9 GOVERNMENT PRIORITY RATING: DOA1
Z7N	GOVERNMENT PRIME CONTRACT NUMBER: N00019-96-C-0054 GOVERNMENT PRIORITY RATING: DOA1

Z7O	GOVERNMENT PRIME CONTRACT NUMBER: GOVERNMENT PRIORITY RATING:
Z7P	GOVERNMENT PRIME CONTRACT NUMBER: F34601-86-G-0254-0219 GOVERNMENT PRIORITY RATING: DOA2
Z7Q	GOVERNMENT PRIME CONTRACT NUMBER: NAS10-12200 GOVERNMENT PRIORITY RATING: DOA2
Z7R	GOVERNMENT PRIME CONTRACT NUMBER: NAS10-11500 GOVERNMENT PRIORITY RATING: DOA2
Z7S	GOVERNMENT PRIME CONTRACT NUMBER: F33657-97-C-0008 GOVERNMENT PRIORITY RATING: DXA1
Z7T	GOVERNMENT PRIME CONTRACT NUMBER: SP0500-95-A-A878-0638 GOVERNMENT PRIORITY RATING: DOA1
Z7U	GOVERNMENT PRIME CONTRACT NUMBER: F34601-86-C-0810 GOVERNMENT PRIORITY RATING: DOA1
Z7V	GOVERNMENT PRIME CONTRACT NUMBER: TBD GOVERNMENT PRIORITY RATING: TBD
Z7W	GOVERNMENT PRIME CONTRACT NUMBER: F34601-98-G-0008-UBF5 GOVERNMENT PRIORITY RATING: DOA7
Z7Y	GOVERNMENT PRIME CONTRACT NUMBER: F34601-98-G-0008-TY05 GOVERNMENT PRIORITY RATING: DOC9
Z70	GOVERNMENT PRIME CONTRACT NUMBER: F34601-98-G-0008-TYD8 GOVERNMENT PRIORITY RATING: DOA1
Z71	GOVERNMENT PRIME CONTRACT NUMBER: N66604-93-D-A907 GOVERNMENT PRIORITY RATING: DX05
Z72	GOVERNMENT PRIME CONTRACT NUMBER: F34601-94-G-0027-SM1J GOVERNMENT PRIORITY RATING: DXA1

Z73	GOVERNMENT PRIME CONTRACT NUMBER: F34601-98-G-0008-TYP6 GOVERNMENT PRIORITY RATING: DOA1
Z74	GOVERNMENT PRIME CONTRACT NUMBER: SP0930-00-M-J078 GOVERNMENT PRIORITY RATING: DX07
Z75	GOVERNMENT PRIME CONTRACT NUMBER: F34601-95-C-0270 GOVERNMENT PRIORITY RATING: DOA1
Z76	GOVERNMENT PRIME CONTRACT NUMBER: N0042186-C-0269 GOVERNMENT PRIORITY RATING: DOA1
Z77	GOVERNMENT PRIME CONTRACT NUMBER: F34601-98-G-0008-GB17 GOVERNMENT PRIORITY RATING: DOA1
Z78	GOVERNMENT PRIME CONTRACT NUMBER: F34601-94-G-0027-UB07 GOVERNMENT PRIORITY RATING: DOA7
Z79	GOVERNMENT PRIME CONTRACT NUMBER: F34601-94-G-0027-0139 GOVERNMENT PRIORITY RATING: DOA1
Z8A	GOVERNMENT PRIME CONTRACT NUMBER: TBD GOVERNMENT PRIORITY RATING: TBD
Z8B	GOVERNMENT PRIME CONTRACT NUMBER: N00019-97-C-0136 GOVERNMENT PRIORITY RATING: DOA1
Z8C	GOVERNMENT PRIME CONTRACT NUMBER: F34601-98-G-0008-TYS9 GOVERNMENT PRIORITY RATING: DOA1
Z8D	GOVERNMENT PRIME CONTRACT NUMBER: N66604-97-C-6596 GOVERNMENT PRIORITY RATING: DO05
Z8E	GOVERNMENT PRIME CONTRACT NUMBER: N00383-85-G-5002-3134 GOVERNMENT PRIORITY RATING: DOA1
Z8F	GOVERNMENT PRIME CONTRACT NUMBER: N00383-90-G-M104-TZ20 GOVERNMENT PRIORITY RATING: DOA1

Z8G	GOVERNMENT PRIME CONTRACT NUMBER: N00383-93-G-M111-TZ54 GOVERNMENT PRIORITY RATING: DOC9
Z8H	GOVERNMENT PRIME CONTRACT NUMBER: N00383-93-G-M111-5294 GOVERNMENT PRIORITY RATING: DOA1
Z8I	GOVERNMENT PRIME CONTRACT NUMBER: F33657-91-C-0007 GOVERNMENT PRIORITY RATING: DOA1
Z8J	GOVERNMENT PRIME CONTRACT NUMBER: SP0500-94-0543 GOVERNMENT PRIORITY RATING: DOC9
Z8K	GOVERNMENT PRIME CONTRACT NUMBER: F19628-85-C-0002 GOVERNMENT PRIORITY RATING: DOA7
Z8L	GOVERNMENT PRIME CONTRACT NUMBER: N00019-95-C-0212 GOVERNMENT PRIORITY RATING: DXA7
Z8M	GOVERNMENT PRIME CONTRACT NUMBER: TBD GOVERNMENT PRIORITY RATING: TBD
Z8N	GOVERNMENT PRIME CONTRACT NUMBER: F34601-98-G-0008-TYZ3 GOVERNMENT PRIORITY RATING: DOA1
Z8O	GOVERNMENT PRIME CONTRACT NUMBER: F33657-90-C-2002 GOVERNMENT PRIORITY RATING: DOA1
Z8P	GOVERNMENT PRIME CONTRACT NUMBER: F34601-98-G-0008-TY17 GOVERNMENT PRIORITY RATING: DOA1
Z8Q	GOVERNMENT PRIME CONTRACT NUMBER: GOVERNMENT PRIORITY RATING:
Z8R	GOVERNMENT PRIME CONTRACT NUMBER: F34601-98-G-0008-TYE8 GOVERNMENT PRIORITY RATING: DOA1
Z8S	GOVERNMENT PRIME CONTRACT NUMBER: F34601-98-G-0008-BR03 GOVERNMENT PRIORITY RATING: DOA4

Z8T	GOVERNMENT PRIME CONTRACT NUMBER: N00019-96-C-0054 GOVERNMENT PRIORITY RATING: DOA1
Z8U	GOVERNMENT PRIME CONTRACT NUMBER: NAS10-11500 GOVERNMENT PRIORITY RATING: DOA2
Z8V	GOVERNMENT PRIME CONTRACT NUMBER: F34601-98-G-0008-TYJ9 GOVERNMENT PRIORITY RATING: DOA1
Z8W	GOVERNMENT PRIME CONTRACT NUMBER: F34601-98-G-0008-TYC4 GOVERNMENT PRIORITY RATING: DOA1
Z8X	GOVERNMENT PRIME CONTRACT NUMBER: NAS9-14000 GOVERNMENT PRIORITY RATING: DOA2
Z8Y	GOVERNMENT PRIME CONTRACT NUMBER: F34601-98-G-008-GB18 GOVERNMENT PRIORITY RATING: DOA1
Z8Z	GOVERNMENT PRIME CONTRACT NUMBER: F33600-96-D-0057 GOVERNMENT PRIORITY RATING: DOA1
Z80	GOVERNMENT PRIME CONTRACT NUMBER: F34601-94-G-0027-UZ81 GOVERNMENT PRIORITY RATING: DOA7
Z81	GOVERNMENT PRIME CONTRACT NUMBER: N00019-83-C-0176 GOVERNMENT PRIORITY RATING: DOA1
Z82	GOVERNMENT PRIME CONTRACT NUMBER: N00019-93-C-0053 GOVERNMENT PRIORITY RATING: DOA1
Z83	GOVERNMENT PRIME CONTRACT NUMBER: F33657-83-C-0281 GOVERNMENT PRIORITY RATING: DOA1
Z84	GOVERNMENT PRIME CONTRACT NUMBER: F33657-96-C-2059 GOVERNMENT PRIORITY RATING: DXA1
Z85	GOVERNMENT PRIME CONTRACT NUMBER: NAS10-11500 GOVERNMENT PRIORITY RATING: DOA2

Z86	GOVERNMENT PRIME CONTRACT NUMBER: F41608-99-M-1054 GOVERNMENT PRIORITY RATING: DXA1
Z87	GOVERNMENT PRIME CONTRACT NUMBER: F34601-98-G-0008-RJ12 GOVERNMENT PRIORITY RATING: DOA1
Z88	GOVERNMENT PRIME CONTRACT NUMBER: NAS8-36300 GOVERNMENT PRIORITY RATING: DOA2
Z89	GOVERNMENT PRIME CONTRACT NUMBER: NOO383-90-G-M104-0128 GOVERNMENT PRIORITY RATING DOA1
Z9A	GOVERNMENT PRIME CONTRACT NUMBER: F34601-94-G-0027-0114 GOVERNMENT PRIORITY RATING: DXA1
Z9C	GOVERNMENT PRIME CONTRACT NUMBER: NAS10-11500 GOVERNMENT PRIORITY RATING: DOA2
Z9D	GOVERNMENT PRIME CONTRACT NUMBER: NAS8-32000 GOVERNMENT PRIORITY RATING: DOA2
Z9F	GOVERNMENT PRIME CONTRACT NUMBER: F34601-91-G-7710-SA1P GOVERNMENT PRIORITY RATING: DOA1
Z9G	GOVERNMENT PRIME CONTRACT NUMBER: F33657-87-C-2001 GOVERNMENT PRIORITY RATING: DXA1
Z9H	GOVERNMENT PRIME CONTRACT NUMBER: F04606-90-G-0030-SD05 GOVERNMENT PRIORITY RATING DOA1
Z9J	GOVERNMENT PRIME CONTRACT NUMBER: F33615-95-K-2570 GOVERNMENT PRIORITY RATING: DOA1
Z9K	GOVERNMENT PRIME CONTRACT NUMBER: F33657-81-C-0067 GOVERNMENT PRIORITY RATING: DXA1
Z9M	GOVERNMENT PRIME CONTRACT NUMBER: F34601-98-G-0008-UB7A GOVERNMENT PRIORITY RATING: DOA7

Z9N	GOVERNMENT PRIME CONTRACT NUMBER: F34601-98-G-0008-TYX9 GOVERNMENT PRIORITY RATING: DOA1
Z9O	GOVERNMENT PRIME CONTRACT NUMBER: N66604-99-C-6104 GOVERNMENT PRIORITY RATING: DO05
Z9P	GOVERNMENT PRIME CONTRACT NUMBER: DAAE07-98-C-N002 GOVERNMENT PRIORITY RATING: DXA4
Z9Q	GOVERNMENT PRIME CONTRACT NUMBER: F34601-98-G-0008-MT01 GOVERNMENT PRIORITY RATING: DOA1
Z9R	GOVERNMENT PRIME CONTRACT NUMBER: GOVERNMENT PRIORITY RATING:
Z9S	GOVERNMENT PRIME CONTRACT NUMBER: N00024-91-C-2202 GOVERNMENT PRIORITY RATING: DOA3
Z9T	GOVERNMENT PRIME CONTRACT NUMBER: NAS3-26398 GOVERNMENT PRIORITY RATING: DOC9
Z9U	GOVERNMENT PRIME CONTRACT NUMBER: N00019-97-C-0046 GOVERNMENT PRIORITY RATING: DOA1
Z9X	GOVERNMENT PRIME CONTRACT NUMBER: F19628-98-C-0003 GOVERNMENT PRIORITY RATING: DOA7
Z9Y	GOVERNMENT PRIME CONTRACT NUMBER: N00019-91-C-0095 GOVERNMENT PRIORITY RATING: DOA1
Z90	GOVERNMENT PRIME CONTRACT NUMBER GOVERNMENT PRIORITY RATING:
Z91	GOVERNMENT PRIME CONTRACT NUMBER: F33615-90-C-2052 GOVERNMENT PRIORITY RATING: D0A1
Z92	GOVERNMENT PRIME CONTRACT NUMBER: N00383-87-G-7000-0115 GOVERNMENT PRIORITY RATING: DOA1
Z93	GOVERNMENT PRIME CONTRACT NUMBER: N00019-97-C-0050 GOVERNMENT PRIORITY RATING: DOA1

Z94	GOVERNMENT PRIME CONTRACT NUMBER: N00030-98-C-0100 GOVERNMENT PRIORITY RATING: DXA2
Z95	GOVERNMENT PRIME CONTRACT NUMBER: F33615-95-K-2570 GOVERNMENT PRIORITY RATING: DOA1
Z96	GOVERNMENT PRIME CONTRACT NUMBER: F33657-94-C-0006 GOVERNMENT PRIORITY RATING: DOA1
Z97	PRIORITY RATING AS NOTED ABOVE IS CERTIFIED FOR NATIONAL DEFENSE USE UNDER DPAS REGULATION 15 CFR PART 700. YOU ARE REQUIRED TO FOLLOW THE PROVISIONS OF DPAS REGULATION 15 CFR PART 700 AND ALL OTHER APPLICABLE REGULATIONS AND OTHERS OF BDC IN OBTAINING CONTROLLED MATERIALS AND OTHER PRODUCTS AND MATERIALS NEEDED TO FILL THIS ORDER.
Z98	GOVERNMENT PRIME CONTRACT NUMBER: N62269-88-C-0224 GOVERNMENT PRIROITY RATING: DOA1
Z99	GOVERNMENT PRIME CONTRACT NUMBER: F33615-94-C-2504 GOVERNMENT PRIORITY RATING: DOA1