AIR TRAFFIC SERVICES

EFFECTIVE AND AFFORDABLE

Communication capabilities supporting operational efficiency

From requesting clearance for take-off to providing pilot instructions, reliable messaging is a critical safety capability. Collins Aerospace's air traffic service (ATS) application is designed to enable trusted and secure ARINC 623 messaging between the ground airline center and the aircraft. Pilots can request, receive and review all clearance and flight system messages and instructions through ARINC's secure communications network.

Our ATS application offers request and delivery of:

- Automatic Terminal Information Service (ATIS) reports

- Terminal Weather Information for Pilots (TWIP) reports

- Departure Clearance (DCL) messages

- Oceanic Clearance (OCD) messages

Streamlined communications require simple and reliable interoperability. Our ATS applications are interpreted by airline operational control (AOC) avionics software and processed as an AOC database by the Airbus Air Traffic Services Unit (ATSU). No additional flight crew actions are required. Our ATS is available for forward-fit and retrofit to the A318/A319/A320/A321/A330/A340 fleet.

KEY FEATURES & BENEFITS

- Affordable

- Easy deployment

- Compliant with ARINC 622 and ARINC 623

- Compatible with A318/A319/A320/A321/A330/A340 aircraft

Collins Aerospace

Collins ATS application sends and receives ARINC 623 messages, and enables the operator to review all messages stored by the application.

All functions are accessible via the ATS main menu and the following associated pages:

- ATIS RQ
- ATIS REVIEW
- DEPART CLX RQ
- DEPART CLX REVIEW
- OCEANIC CLX RQ
- OCEANIC CLX REVIEW
- TWIP RQ
- TWIP REVIEW
- FLT SYSTEM REVIEW
- ATS LOG

```
              ATS MAIN MENU
 1L  <ATIS              ATS LOG>  1R

 2L  <DEPART CLX                  2R

 3L  <OCEANIC CLX                 3R

 4L  <TWIP                        4R

 5L              SYSTEM CONFIG>   5R

 6L                               6R
```

```
          OCEANIC CLX RQ 1/2
      ATS FLT ID AAAAAAAAAA
 1L  _____         FACILITY>  1R
      ENTRY POINT    AT TIME
 2L  _____        __:__   2R
      MACH          FLT LEVEL
 3L  .__                ___    3R

 4L                            4R

 5L                   SEND*    5R

 6L                            6R
```

```
          OCEANIC CLX RQ 2/2
      REMARKS
 1L  [                    ]  1R

 2L  [                    ]  2R

 3L  [                    ]  3R

 4L  [                    ]  4R

 5L             SEND*       5R

 6L                         6R
```