Summary

Rockwell Collins will discontinue production deliveries of the Distance Measuring Equipment DME-40, DME-40A, 237Z-1 antenna and will discontinue support of the DCE-400 due to obsolescence of a key component.

We will continue to provide the service and support you have come to expect from Rockwell Collins on a parts available basis. Additionally, Rockwell Collins may still be able to offer assistance in troubleshooting and repairing this product.

Am I affected?

The following parts will discontinue production.

<table>
<thead>
<tr>
<th>Product</th>
<th>Part number</th>
<th>Replacement Type</th>
<th>Replacement P/N</th>
</tr>
</thead>
<tbody>
<tr>
<td>237Z-1</td>
<td>522-2632-001</td>
<td>No Replacements</td>
<td>No Replacements</td>
</tr>
<tr>
<td>DME-40</td>
<td>622-1233-001</td>
<td>DME-42</td>
<td>622-6263-001</td>
</tr>
<tr>
<td></td>
<td></td>
<td>DME-442</td>
<td>622-7309-101</td>
</tr>
<tr>
<td></td>
<td></td>
<td>DME-4000</td>
<td>822-1466-001</td>
</tr>
<tr>
<td>DME-40</td>
<td>622-1233-003</td>
<td>DME-42</td>
<td>622-6263-001</td>
</tr>
<tr>
<td></td>
<td></td>
<td>DME-442</td>
<td>622-7309-101</td>
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<td>DME-4000</td>
<td>822-1466-001</td>
</tr>
<tr>
<td>DME-40</td>
<td>622-1233-501</td>
<td>DME-42</td>
<td>622-6263-001</td>
</tr>
<tr>
<td></td>
<td></td>
<td>DME-442</td>
<td>622-7309-101</td>
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<tr>
<td></td>
<td></td>
<td>DME-4000</td>
<td>822-1466-001</td>
</tr>
</tbody>
</table>

The following parts will discontinue support.

<table>
<thead>
<tr>
<th>Product</th>
<th>Part number</th>
<th>Replacement Type</th>
<th>Replacement P/N</th>
</tr>
</thead>
<tbody>
<tr>
<td>DCE-400</td>
<td>622-4511-001</td>
<td>No Replacements</td>
<td>No Replacements</td>
</tr>
</tbody>
</table>

Rockwell Collins will still be able to offer assistance in troubleshooting and repairing many of the affected LRUs. However, Rockwell Collins reserves the right to decline a request for service and/or a request for quote to repair the affected product. In addition, while Rockwell Collins may agree to attempt to repair a product, it does not guarantee the repair can be completed. In the event it is determined the product is beyond Rockwell Collins’ repair capabilities the product will be returned in ‘as-is’ condition.

What are my options?

Contact Intertrade for used equipment

Rockwell Collins Intertrade, a buyer and seller of used equipment, may have used product available should any LRU be deemed un-repairable. For more information contact Rockwell Collins Intertrade at 1.319.378.3500, intertradesales@rockwellcollins.com, or on the web at http://www.rockwellcollins.com/intertrade/index.asp.

Upgrade to a DME-42, DME-442, or a DME-4000

The DME-42/442/4000 is available as a replacement. Aircraft rewiring may be required. New purchase orders created after January 1, 2016, should be converted to the Rockwell Collins DME-42/DME-442 or a DME-4000.

The DME-42 Key Owner/User Benefits

The DME-42 Transceiver is a remote-mounted, lightweight, and fully solid-state unit designed for general aviation aircraft. It measures the slant range (line-of-sight) distance from the aircraft to a ground station and displays that distance in nautical miles on the companion IND-42 indicator or HSI. In addition, the system computes the relative closure rate and time-to-station (TTS), and provides a decoded station identifier.

The DME-42 is a 3-channel (max) unit designed for new installations or for retrofit. For 3-channel operation, the DME-42 requires tuning information from the equivalent of two CTL-32 controls. The IND-42A indicator is used in single DME/dual-control installations to display the distance and other data from any of the three (max) channels. The IND-42A/C is used in multi-DME installations where the multi-channel capability of a single transceiver is not needed or in single DME/dual-indicator/dual-control installations where each indicator can display the on-side tuned DME channel.
The DME-442 Distance Measuring Equipment Systems

Key Owner/User Benefits

The DME-442 Transceiver is a remote-mounted, lightweight, and fully solid-state unit specifically designed for general aviation aircraft. It measures the slant range (line-of-sight) distance from the aircraft to a ground station and displays that distance in nautical miles on the companion IND-42 indicator or HSI. In addition, the system computes the relative closure rate and time to station (TTS), and provides a decoded station identifier. The DME-442 is a 3-channel (max) unit designed for new installations. For 3-channel operation the DME-442 requires tuning information from the equivalent of two CTL-32 controls or a single RTU-870A.

The IND-42A indicator is used in single DME/dual-control installations to display the distance and other data from either of the three (max) channels. The IND-42A/C is used in multi-DME installations where the multichannel capability of a single transceiver is not needed or in single DME/dual-indicator/dual-control installations where each indicator can display the on-side tuned D.

The DME-4000 Distance Measuring Equipment

Key Owner/User Benefits

- Tracking three DME stations at once provides accurate updates of aircraft position
- Station identification recognition provides direct confirmation of information source
- For enhanced safety, the Collins exclusive echo monitor circuit prevents display of erroneous data from multipath reflected signals
- ARINC 429 and CSDB tuning and data outputs provide a variety of installation options
- Serial tuning and data output capabilities are compatible with the DME-442
- Single set of high-speed ARINC 429 I/O buses provides tuning, digital audio, navigation data, maintenance data and software data loading capability
- Interfaces with the RIU-4000 allow a concentrated radio interface to the rest of the aircraft
- Reduced size, weight and power set a new standard for business and regional aircraft avionics
- Meets latest DO-160D Change 1 environmental requirements
- Internal diagnostic capability minimizes time spent on fault diagnosis; fault code read out available on CTL or RTU

For more information, contact your Regional Sales Manager:

Please call Rockwell Collins Customer Support at +1.319.295.5000.

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