

August 11, 2015

**Subject: TTR-921 & TTR-4000 End of Life Final Notification**  
**Reference: TTR-921 TCAS II Production Discontinuance, 2014-111M, 02/2014**  
**TTR-4000 TCAS II Production Discontinuance, 2012-099M, 02/2014**

As indicated in previous communications, Rockwell Collins has discontinued production of all versions of the TTR-921 & TTR-4000 TCAS computers due to obsolescence of key components. The TTR-921 & TTR-4000 will no longer be procurable and replacement unit of either TTR-2100 or TTR-4100 must be ordered, effective the date of this memorandum.

The following table lists the affected part numbers:

**TTR-921**

Discontinued Type Number	Part Number
TTR-921	822-1293-001
TTR-921	822-1293-002
TTR-921	822-1293-003
TTR-921	822-1293-033
TTR-921	822-1293-321
TTR-921	822-1293-322
TTR-921	822-1293-332

**TTR-4000**

Discontinued Type Number	Discontinued Part Number
TTR-4000	822-1294-001
TTR-4000	822-1294-002
TTR-4000	822-1294-032
TTR-4000	822-1294-402
TTR-4000	822-1294-432

The following table lists the Certification Path for TTR-2100 & TTR-4100:

Type & Part Number	Platform & Model	Certification Path
TTR-2100, 822-2911-001	Challenger 604 Challenger 850/870/890 CRJ 100/200/440 CRJ 700/701/702/705/900	Rockwell Collins AML STC # ST00881WI-D
TTR-2100, 822-2911-020	All Airbus Platforms	Airbus Service Bulletins
TTR-4100, 822-3075-001	King Airs Falcon 2000/2000EX Falcon 50/50EX Falcon 900 A/B/C/EX BeechJet 400A Lear 60	Rockwell Collins AML STC # TBD (Part 23) Rockwell Collins AML STC # TBD (Part 25)

The Rockwell Collins FAA approved Model (AML) STC #ST00881WI-D is now approved for the TTR-2100 on the following aircraft:

- Challenger 604
- CRJ 100/200/440
- CRJ 700/701/702/705/900
- Challenger 850/870/890

All Airbus aircraft can utilize TTR-2100. Boeing aircraft can utilize the TTR-2100, as long as the the interface for Heading & Radio Altimeter are in a digital format.

The TTR-4100 certification path will be determined on a platform by platform basis.

Rockwell Collins is terminating production of these part numbers but will continue field support and service for the fielded TTR-921 & TTR-4000 units. We will continue to provide the service and support you have come to expect from Rockwell Collins on a 'parts available basis'.

For additional information on the product listed above or for assistance in planning your fleet upgrade requirements, please contact your Rockwell Collins Regional Sales Manager, Customer Support Engineer or Customer Account Administrator.

# TTR-921 TCAS II Production Discontinuance

Ref. No. 2014-111M

Pub Date 02/2014

Effective as of the date of this bulletin, Rockwell Collins will discontinue production deliveries of some versions of the TTR-921 TCAS Computers due to obsolescence of key components.

Last Time Buy orders will be accepted until August 1, 2014. All deliveries must be requested before April 1, 2015.

The following table lists the affected TTR-921 part numbers:

Discontinued Type Number	Part Number	Recommended Replacement Type	Replacement Part Number
TTR-921	822-1293-001	TTR-2100	822-2911-001
TTR-921	822-1293-002	TTR-2100	822-2911-001
TTR-921	822-1293-003	TTR-2100	822-2911-001
TTR-921	822-1293-033	TTR-2100	822-2911-001
TTR-921	822-1293-321	TTR-2100	822-2911-001
TTR-921	822-1293-322	TTR-2100	822-2911-001
TTR-921	822-1293-332	TTR-2100	822-2911-001



New purchase orders created after **August 1, 2014** should be converted to the Rockwell Collins TTR-2100 Series TCAS Computer. This new product is a lighter, more reliable unit that consumes less than half the power of its predecessors while adding traffic computer functionality. It is a direct plug and play replacement (for AC input power applications) for the TTR-920 and the TTR-921 TCAS Computer, alleviating the need to replace existing antennas or control panels. The unit meets TCAS Change 7.1 requirements and provides the necessary architecture to support ADS-B In and CDTI applications.

The TTR-2100 will be available July 2014 as a replacement for the part numbers above. Rockwell Collins has AML STC for TTR-2100 replacing TTR-921 on known platforms.

Rockwell Collins is terminating production of these part numbers but will continue field support and service for the fielded TTR-921 units. We will continue to provide the service and support you have come to expect from Rockwell Collins on a 'parts available basis'.

For additional information on the product listed above or for assistance in planning your fleet upgrade requirements, please contact your Rockwell Collins Regional Sales Manager, Customer Support Engineer or Customer Account Administrator.

# TTR-4000 TCAS II Production Discontinuance

Ref. No. 2012-099M

Pub Date 02/2014

Effective as of the date of this bulletin, Rockwell Collins will discontinue production deliveries of the TTR-4000 TCAS Computers due to obsolescence of key components.

Last Time Buy orders will be accepted until September 1, 2014. All deliveries must be requested before March 1, 2015.

The following table lists the affected TTR-4000 part numbers:

Discontinued Type Number	Discontinued Part Number	Recommended Replacement Type	Replacement Part Number
TTR-4000	822-1294-001	TTR-4100	822-3075-001
TTR-4000	822-1294-002	TTR-4100	822-3075-001
TTR-4000	822-1294-032	TTR-4100	822-3075-001
TTR-4000	822-1294-402	TTR-4100	822-3075-001
TTR-4000	822-1294-432	TTR-4100	822-3075-001

New purchase orders created after **September 1, 2014** should be converted to the Rockwell Collins TTR-4100 Series TCAS Computer. This new product is a more reliable, lighter unit that consumes less than half the power of its predecessors while adding traffic computer functionality. It is a direct plug and play replacement for the TTR-4000 TCAS Computer and can be used to replace the TTR-920 in DC applications by changing the mounting tray to a 4MCU form factor. This alleviates the need to replace existing antennas or control panels. The unit meets TCAS Change 7.1 requirements and provides the necessary architecture to support ADS-B In and CDTI applications.

The TTR-4100 is expected to be available in June 2014 as a replacement for the part numbers above.

Rockwell Collins is terminating production of the products to maintain a large enough stock of obsolete non-procurable parts to continue to provide field support of the TTR-4000 units. However, the TTR-4000 remains a viable choice to meet the TCAS change 7.1 mandate in Europe in the near term through service bulletin upgrade. In order to meet mandate requirements, Rockwell Collins will work with customers to identify the best option available.

In addition, we will continue to provide the service and support you have come to expect from Rockwell Collins on a 'parts available basis.

For additional information on the products listed above or for assistance in planning your fleet upgrade requirements, please contact your Rockwell Collins Regional Sales Manager, Customer Support Engineer or Customer Account Administrator.

