

ALERT: 26-N9PY - CRITICAL AOG

G650 TCAS/transponder failure - KTEB

Gulfstream G650 / G650ER - BR725

Public Alert Information	
STATUS active	ALERT TYPE AOG Alert
PRIORITY CRITICAL	ADDED TO PLATFORM 22SEP26 1200Z
ICAO LOCATION KTEB	AIRCRAFT MODEL Gulfstream G650 / G650ER
AIRCRAFT SERIES Not specified	ENGINE MODEL BR725
IMPACT TYPE Charter	MX WINDOW OPENS 22SEP26 1230Z
RTS TARGET 24SEP26 1200Z	ALERT SPECIFICS Unscheduled Maintenance
ATA 100 CHAPTERS 34 Navigation	AIRWORTHINESS DIRECTIVE (AD) Not specified
SERVICE BULLETIN (SB) Not specified	CHECK Not specified
SHORT FAULT NAME TCAS / transponder Mode S failure	ERROR / FAULT INDICATIONS No TCAS traffic display; Mode S transponder fail indications and intermittent replies on ground test.
TROUBLESHOOTING STATUS Troubleshooting Incomplete - Additional Items may be required	TSM/FIM REFERENCE G650 ATA 34 TCAS and transponder fault isolation
ROLES AND RESPONSIBILITIES Supplier to provide traceable avionics units and qualified test technician; Southwest maintenance control to coordinate installation, testing, and final release.	
Gulfstream G650 grounded at KTEB after TCAS and Mode S transponder failure with no traffic display. Seeking avionics parts and qualified test support for safe return to service.	

Items (4)

PARTS & ROTABLES - WANTED

Qty 1

Mode S transponder

Item Id: 3QWJR

Serviceable Mode S transponder for Gulfstream G650; provide operational test results, configuration data, and trace.

PART / IPC REFERENCE	REQUIRED ONSITE
RCZ-8XX-TRANS-02	22SEP26 2000Z
AIRCRAFT MODEL	ENGINE MODEL
Not specified	Not specified
ATA 100 CHAPTERS	CONDITION
34 Navigation	OH, SV
TRACE	RELEASE DOCUMENTATION
OEM trace	FAA Form 8130-3

MAINTENANCE SERVICES - WANTED

Qty Not specified

TCAS system test and return-to-service check

Item Id: NM99R

Qualified avionics test team to perform TCAS/Mode S operational test, antenna and transponder verification, traffic display validation, and return-to-service documentation.

PART / IPC REFERENCE	REQUIRED ONSITE
Not specified	22SEP26 2000Z
AIRCRAFT MODEL	ENGINE MODEL
Not specified	Not specified
ATA 100 CHAPTERS	CONDITION
34 Navigation	SV
TRACE	RELEASE DOCUMENTATION
Not specified	Not specified

PARTS & ROTABLES - WANTED

Qty 1

TCAS directional antenna

Item Id: EJFKK

Serviceable directional TCAS antenna assembly for Gulfstream G650; include inspection report and connector protection.

PART / IPC REFERENCE	REQUIRED ONSITE
ANT-7000-TCAS-03	22SEP26 2000Z
AIRCRAFT MODEL	ENGINE MODEL
Not specified	Not specified
ATA 100 CHAPTERS	CONDITION
34 Navigation	OH, SV
TRACE	RELEASE DOCUMENTATION
OEM trace	FAA Form 8130-3

TCAS processor

Item Id: MVNDK

Serviceable TCAS processor compatible with Gulfstream G650 traffic collision avoidance system; include bench test report and trace.

PART / IPC REFERENCE	REQUIRED ONSITE
GTS-8000-PRC-01	22SEP26 2000Z
AIRCRAFT MODEL	ENGINE MODEL
Not specified	Not specified
ATA 100 CHAPTERS	CONDITION
34 Navigation	OH, SV
TRACE	RELEASE DOCUMENTATION
OEM trace	FAA Form 8130-3

Status Updates (0)

No visible Status Updates.