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
RCZ-8XX-TRANS-02

REQUIRED ONSITE
22SEP26 2000Z

AIRCRAFT MODEL
Not specified

ENGINE MODEL
Not specified

ATA 100 CHAPTERS
34 Navigation

CONDITION
OH, SV

TRACE
OEM trace

RELEASE DOCUMENTATION
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
Not specified

REQUIRED ONSITE
22SEP26 2000Z

AIRCRAFT MODEL
Not specified

ENGINE MODEL
Not specified

ATA 100 CHAPTERS
34 Navigation

CONDITION
SV

TRACE
Not specified

RELEASE DOCUMENTATION
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
ANT-7000-TCAS-03

REQUIRED ONSITE
22SEP26 2000Z

AIRCRAFT MODEL
Not specified

ENGINE MODEL
Not specified

ATA 100 CHAPTERS
34 Navigation

CONDITION
OH, SV

TRACE
OEM trace

RELEASE DOCUMENTATION
FAA Form 8130-3

PARTS & ROTABLES - WANTED

Qty 1

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

Status Updates (0)

No visible Status Updates.