ALERT: 26-XDQF - CRITICAL AOG

777-300ER TCAS computer failure at KIAH

Boeing 777-300ER - GE90-110B/-115B

Public Alert Information

STATUS
active

ALERT TYPE
AOG Alert

PRIORITY
CRITICAL

ADDED TO PLATFORM
29SEP26 0956Z

ICAO LOCATION
KIAH

AIRCRAFT MODEL
Boeing 777-300ER

AIRCRAFT SERIES
Not specified

ENGINE MODEL
GE90-110B/-115B

IMPACT TYPE
Revenue PAX

MX WINDOW OPENS
29SEP26 0215Z

RTS TARGET
30SEP26 2330Z

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 computer failure, TCAS FAIL

ERROR / FAULT INDICATIONS
TCAS FAIL message on captain and first officer navigation displays and EICAS advisory TCAS. TCAS self-check fails at power-up and after transponder switchover.

TROUBLESHOOTING STATUS
Troubleshooting Complete - All required Items listed

TSM/FIM REFERENCE
Not specified

ROLES AND RESPONSIBILITIES
KLM Engineering and Maintenance MCC at EHAM coordinates parts and release. EASA B2 licensed technician performs replacement and certifies release. Local line station provides ramp access and power.

KLM 777-300ER at KIAH is held for a TCAS computer failure found during preflight. TCAS FAIL is displayed on both navigation displays and the return sector to EHAM cannot dispatch without ACAS II, requiring a replacement TCAS computer and EASA-licensed avionics support.

Items (3)

PARTS & ROTABLES - WANTED

Qty 1

TCAS top directional antenna

Item Id: HWDWW

Serviceable or new TCAS directional antenna with mounting gasket for 777 upper fuselage installation.

PART / IPC REFERENCE
622-8973-001

REQUIRED ONSITE
30SEP26 1400Z

AIRCRAFT MODEL
Not specified

ENGINE MODEL
Not specified

ATA 100 CHAPTERS
34 Navigation

CONDITION
SV

TRACE
OEM trace

RELEASE DOCUMENTATION
EASA Form 1, Dual Release

PARTS & ROTABLES - WANTED

Qty 1

TCAS computer unit

Item Id: 7XWFU

Serviceable TCAS II computer with change 7.1 software for 777 ACAS II installation, preserved for installation.

PART / IPC REFERENCE
822-1338-003

REQUIRED ONSITE
30SEP26 1400Z

AIRCRAFT MODEL
Not specified

ENGINE MODEL
Not specified

ATA 100 CHAPTERS
34 Navigation

CONDITION
SV

TRACE
OEM trace

RELEASE DOCUMENTATION
EASA Form 1, Dual Release

MAINTENANCE SERVICES - WANTED

Qty Not specified

Avionics technician onsite, EASA Part-66 B2

Item Id: MYKM3

Provide an EASA Part-66 B2 licensed technician with 777 type rating for TCAS computer and antenna replacement, bonding check, TCAS self-check, and CRS issue.

PART / IPC REFERENCE
Not specified

REQUIRED ONSITE
30SEP26 1400Z

AIRCRAFT MODEL
Boeing 777-300ER

ENGINE MODEL
Not specified

ATA 100 CHAPTERS
34 Navigation

CONDITION
SV

TRACE
Not specified

RELEASE DOCUMENTATION
Not specified

Status Updates (0)

No visible Status Updates.