ALERT: 26-EQN9 - CRITICAL AOG

# B737 IRS alignment failure - KDEN

Boeing 737-800 - CFM56-7B

## Public Alert Information

STATUS
**active**

ALERT TYPE
**AOG Alert**

PRIORITY
**CRITICAL**

ADDED TO PLATFORM
**22SEP26 1151Z**

ICAO LOCATION
**KDEN**

AIRCRAFT MODEL
**Boeing 737-800**

AIRCRAFT SERIES
**Not specified**

ENGINE MODEL
**CFM56-7B**

IMPACT TYPE
**Revenue PAX**

MX WINDOW OPENS
**22SEP26 1149Z**

RTS TARGET
**24SEP26 0000Z**

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
**IRS / ADIRU alignment failure**

ERROR / FAULT INDICATIONS
**Both IRS/ADIRU channels fail alignment with persistent NAV ALIGN indications; aircraft unavailable for revenue service.**

TROUBLESHOOTING STATUS
**Troubleshooting Incomplete - Additional Items may be required**

TSM/FIM REFERENCE
**Not specified**

ROLES AND RESPONSIBILITIES
**Supplier to provide traceable parts and qualified avionics technician; Southwest maintenance control to coordinate access, installation, testing, and final release.**

Boeing 737-800 grounded at KDEN following IRS/ADIRU alignment failure. Seeking serviceable avionics support and parts to restore navigation capability and return the aircraft to service.

## Items (4)

MAINTENANCE SERVICES - WANTED

**Qty Not specified**

### On-site ADIRU R&R and alignment support

**Item Id: U3AFF**

Qualified avionics technician to remove and replace ADIRU/IRS as required, perform wiring checks, dual-channel alignment, BITE, and operational test for return to service.

| | |
|---|---|
| PART / IPC REFERENCE<br>**Not specified** | REQUIRED ONSITE<br>**22SEP26 1800Z** |
| AIRCRAFT MODEL<br>**Not specified** | ENGINE MODEL<br>**Not specified** |
| ATA 100 CHAPTERS<br>34 Navigation | CONDITION<br>**SV** |
| TRACE<br>**Not specified** | RELEASE DOCUMENTATION<br>**Not specified** |

PARTS & ROTABLES - WANTED

**Qty 1**

### IRS mounting tray and connector kit

**Item Id: 3FRUA**

IRS mounting tray with installation hardware and connector backshell kit for Boeing 737-800 avionics bay.

| | |
|---|---|
| PART / IPC REFERENCE<br>**737-34-TRAY-07** | REQUIRED ONSITE<br>**22SEP26 1800Z** |
| AIRCRAFT MODEL<br>**Not specified** | ENGINE MODEL<br>**Not specified** |
| ATA 100 CHAPTERS<br>34 Navigation | CONDITION<br>**OH, SV** |
| TRACE<br>**OEM trace** | RELEASE DOCUMENTATION<br>**FAA Form 8130-3** |

PARTS & ROTABLES - WANTED

**Qty 1**

### ADIRU / IRS navigation unit

**Item Id: GUAP4**

Serviceable Honeywell-style ADIRU/IRS unit compatible with 737-800 navigation system; provide removal history and trace.

| | |
|---|---|
| PART / IPC REFERENCE<br>**HG2030AC01** | REQUIRED ONSITE<br>**22SEP26 1800Z** |
| AIRCRAFT MODEL<br>**Not specified** | ENGINE MODEL<br>**Not specified** |
| ATA 100 CHAPTERS<br>34 Navigation | CONDITION<br>**OH, SV** |
| TRACE<br>**OEM trace** | RELEASE DOCUMENTATION<br>**FAA Form 8130-3** |

PARTS & ROTABLES - WANTED

Qty 1

## FMC CDU dual control display unit

**Item Id: NKRRN**

Dual control display unit / CDU for Boeing 737-800 flight management system; serviceable avionics unit with bench test report.

| | |
|---|---|
| PART / IPC REFERENCE<br>**822-1330-201** | REQUIRED ONSITE<br>**22SEP26 2000Z** |
| AIRCRAFT MODEL<br>**Not specified** | ENGINE MODEL<br>**Not specified** |
| ATA 100 CHAPTERS<br>34 Navigation | CONDITION<br>**OH, SV** |
| TRACE<br>**OEM trace** | RELEASE DOCUMENTATION<br>**FAA Form 8130-3** |

## Status Updates (0)

No visible Status Updates.