



DISPATCH DEVIATION GUIDE

DDG 31

PAGE 1

MAY 11

ALL ATR MODELS
Except "600" version

ATA 31 – INSTRUMENTS

Maintenance procedures

None in Chapter 31.

31-1 – MPC: APM

for ATR 42-500/500, 72-201/202/211/212/212A fitted with Mod 5567 or 8392 or 8442

for ATR 42-300/320 fitted with Mod 5567 or 8392 or 8442

OPERATIONAL PROCEDURES

Airplane Performance Monitoring (APM)

Monitor the ICING CONDITIONS and SPEED as requested in Airplane Flight Manual Appendix 7.01.15 in Normal, Following Failures and Abnormal procedures for flight in normal and severe icing conditions.

53-1 – Crew Alerting Computer CAC

(1) Digital part, only for ATR 42-300/320 fitted with mod 1403 or 1404

OPERATIONAL PROCEDURES

• Before each originating flight, perform PITCH TRIM TEST:

- **Mod 1403:** while maintaining depressed PITCH TRIM TEST L-ACTR PB
 - or - **Mod 1404:** while maintaining depressed PITCH TRIM TEST LA INVERTER PB
 - NORMAL PITCH TRIM RUN
 - PITCH TRIM IND CHECK
 - C/B H3 OPEN
 - STBY PITCH TRIM RUN
 - PITCH TRIM IND CHECK
 - C/B H3 CLOSE
- **Mod 1403:** while maintaining depressed PITCH TRIM TEST R-ACTR PB
 - or - **Mod 1404:** while maintaining depressed PITCH TRIM TEST RA INVERTER PB
 - NORMAL PITCH TRIM RUN
 - WHOOLES CHECK ACTIVATED
 - C/B H3 OPEN
 - STBY PITCH TRIM RUN
 - WHOOLES CHECK ACTIVATED
 - C/B H3 CLOSE
- **Then** while maintaining depressed both pushbuttons
 - STBY PITCH TRIM RUN
 - PITCH TRIM IND CHECK NOT ACTIVATED
 - WHOOLES CHECK NOT ACTIVATED

TEST THE FOLLOWING WARNINGS:

- ENG 1 FIRE and ENG 2 FIRE by using associated TEST SW on overhead panel.
- LDG GEAR NOT DN by depressing WARN TEST on central instrument panel (if installed).
- ENG 1 OIL and ENG 2 OIL by checking associated light illuminated on CAP before engine start and extinguished at engine start.
- PUSH IN C/B INV 2.

By using the GCAS rotary selector on the LH maintenance panel, check:

- LDG GEAR NOT DN (if installed).
- PROP BRK (if installed).
- EXCESS ALT.
- FWD, AFT and ELEC SMK.
- VMO.
- STICK PUSHER

NO: stall cricket only if an anti-ice device is selected ON.

FAULT: STICK PUSHER FAULT amber light illuminates after 4 seconds.

YES: stall cricket, both CHAN 1 and CHAN 2 lights illuminate, stick pusher operative after 10 seconds.

CAUTION: Leave the rotary selector on NORM FLT position after having performed the test.

ENG 2 running after PROP BRK has been released (if installed) (BLUE HYD pump running):

- Select Flaps 30, depress FLAPS PTT PB on the RH maintenance panel for 5 seconds.
- Check visually flaps retraction and FLAPS UNLK illumination on CAP.

Same procedure for Flaps 45.

Dispatch Deviation Procedures Guides

Tariq Siddiqui



Dispatch Deviation Procedures Guides:

Aviation Information Management Barbara G. Kanki, 2017-03-02 Operational information management is at a crossroads as it sheds the remaining vestiges of its paper based processes and moves through the uncharted domain of electronic data processes The final outcome is not yet in full focus but real progress has been made in the transition to electronic documents providing the aviation industry with a clear direction This book looks at a combination of industry initiatives and airline successes that point to the next steps that operators can take as they transition to fully integrated information management systems Although the route has not been fully identified it is evident that a key to successful long term efficient information management is industry wide cooperation The chapters are authored by a range of experts in operational information management and collectively they outline ways that operators can improve efficiency across flight ground and maintenance operations Considerations and recommendations are identified and presented addressing the following priorities Safety critical information and procedures Human factors Information security Operational information standardization The readership includes Airline flight operations managers and standards personnel Airline operating documents and publication specialists Airline information managers Commercial pilots Airline maintenance managers and personnel Manufacturers and vendors of aviation products Aviation regulators and policy makers Aviation researchers and developers of information technologies and Military technical publications specialists *Federal Register*, 2003-10 [Air Crash Investigations: Hard Landing Kills 9, the Crash of Turkish Airlines Flight TK 1951 on Amsterdam Schiphol Airport](#) Igor Korovin, 2010-06-28 On 25 February 2009 a Boeing 737 800 flight TK1951 operated by Turkish Airlines was flying from Istanbul in Turkey to Amsterdam Schiphol Airport There were 135 people on board During the approach to the runway at Schiphol airport the aircraft crashed about 1.5 kilometres from the threshold of the runway This accident cost the lives of four crew members and five passengers 120 people sustained injuries The crash was caused by a malfunctioning radio altimeter and a failure to implement the stall recovery procedure correctly **Final Report of the Board of Inquiry Investigating the Circumstances of an Accident Involving the Air Canada Boeing 767 Aircraft C-GAUN that Effected an Emergency Landing at Gimli, Manitoba on the 23rd Day of July, 1983** George H. Lockwood, 1985 In Part I brief particulars of the accident the crew and the aircraft are set out The establishment of the Board of Inquiry and the procedure followed by it are detailed In Part II the factual circumstances of the accident are detailed Part III looks at the contributory causes of the accident human factors and error corporate deficiencies the implications of a metric aircraft in a non metric fleet equipment factors In Part IV summaries of evidence from other airlines in Canada the U S and Europe is given Part V sets out aviation safety recommendations particularly regarding the metric question on fuelling procedures equipment improvement improvements to the Minimum Equipment List corporate structures and training **NASA Contractor Report** United States. National Aeronautics and Space Administration, 1979 **Boeing 737 Dispatch**

Deviations Procedures Guide Boeing Company. Commercial Aviation Group,1973 **9-1-1 Dispatching** Jody Hauer,1998
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Addendum to Guidelines for the Education and Training of Personnel in Meteorology and Operational Hydrology World Meteorological Organization. Panel of Experts on Education and Training, 1978

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