

[REDACTED]

PART 1.5 - RECOMMENDATIONS

1. The Panel recommends that:
 - a. A review of 1 Gp dual check minimum requirements is carried out, with consideration for a low-level overland portion to the check.
 - b. A review of 1 Gp low-level overland currency requirements is carried out, with consideration to the operational task and ac configurations.
 - c. A review of 1 Gp quality assurance processes is carried out to ensure 1GASO requirements for aircrew records are maintained.
 - d. The supervisory measures for aircrew that fly multiple ac types are reviewed, including General Aviation.
 - e. 22 Trg Gp Orders are reviewed to ensure the metric to generate refresher trg is appropriate and a process to ensure compliance is in place.
 - f. 1 Gp aircrew are educated on the correct interpretation of the use of reheat as stated in 1GASO.
 - g. HF trg for all aircrew and flying supervisors considers the pertinent HF issues from this accident.
 - h. The following aspects of GPWS should be reviewed: audio level, HUD visual warning, documented advice (1GASO, Aircrew Manual, RTS, trial reports and user guides) and education on system capabilities & frailties.
 - i. A methodology is put in place to ensure that command chains and supervisors consider the wellbeing of personnel with regard to flight safety when implementing or accepting change measures.
 - j. JSP550 is clarified to remove any ambiguity with regard to alcohol consumption, with consideration to accepting the limits as stated in the Railway and Transport Safety Act 2003.
 - k. Wide publication is given to any changes to JSP550 with regard to alcohol consumption and flying (para j).
 - l. The pilot selection, indication and operation of the wing-sweep and MVR systems are reviewed.
 - m. Aircrew waivers and extensions for currency are retained in the appropriate trg record even when currency has been regained.
 - n. OC FSW, RAF LEUCHARS, reviews PPMWO LEU/ON/131 to ensure that any F704LA entry raised by an EngO is transferred to the Loose Article Register and Air Cmd ensure this lesson is transferred across all OC FSW domains.

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- o. The 1 Gp Aircrew Trg Folder should be a single source reference document for aircrew currency.
 - p. Mandated pre-deployment trg and qualifications are recorded and, where requested, are made available to deployed commanders.
 - q. The F3 OTS is reviewed to remove all conflicts.
 - r. IYDPs are reviewed against high level orders & instructions and any conflicts are resolved prior to release.
 - s. A review of Angle Of Bank at low-level should be conducted to ensure commonality across FJ fleets and these limits are stated clearly in authorisation codes.
 - t. Tornado aircrew are reminded of the limitations for operating the X-drive clutch in 'Auto' and the height conflicts between the RTS and Aircrew Manual are resolved.
 - u. The ambiguity in 1G360.110 with regard to extending 6 month periodic checks is removed.
 - v. An independent quality audit of the HQ 1 Gp Assurance process is carried out.
 - w. With regard to R-ADR identification:
 - (1) DE&S review all ac to ensure DEF STAN 05-18 (Ac Symbol Markings) is complied with.
 - (2) The Tornado PT ensures that all Tornado ac comply with DEF STAN 05-18, specifically with regard to flight data recorder ac markings.
 - (3) The Tornado PT considers altering the colour of the internal bay of the R-ADR spine panel.
 - (4) DARS ensures that all organisations in attendance at any ac crash site are aware of the marking for the flight data recorder.
 - x. The reliability of the NAU is improved.
 - y. A more robust provision of HF support to SI Panels is provided.
 - z. Adequate provision to SI Panels for transcript of digital media is provided.