

FIHA AD2 Supplement Pearce AMD 01/26

1 Purpose

This amendment incorporates a local exclusion to FIHA ENR 1.1 Section 16 - ADF Formation Flights, which details separation and transponder requirements for formation flights. Applicable to Hawk aircraft only, a local variation has been added to enhance flight safety, particularly during critical phases of flight. To minimise pilot workload and reduce risk during these phases, the manipulation of transponders is to be kept to an absolute minimum.

During stream take-offs, formation elements will depart at 20-second intervals, resulting in an approximate separation of 1.2 NM during the initial climb-out. This spacing may increase to a maximum of 1.5 NM during the acceleration phase. Beyond this point, relative closure between elements will increase rapidly until the formation is re-established in standard formation.

IAW FIHA AD2 Supp Pearce paragraph 3.8.2.1, a Class D service is provided in Pearce SUA. Occasionally, aircraft requiring a Class C service transit Pearce SUA, requiring ATC to provide a greater level of service.

Pearce has one operational Primary Surveillance Radar (PSR) feed, Perth TAR, with another, Pearce FDATCSS, becoming operational in the near future. These radars enable primary surveillance identification methods and separation to be utilised. When PSR is not available an alternate separation standard will be applied after take-off and until the formation is established within the applicable dimensions.

The availability of PSR or use of non-ATS Surveillance System Separation methods allows ATC to ensure separation.

2 Amendment Instructions

Add clauses 3.6.5 and 3.6.5.1 to FIHA AD2 SUPP YPEA dated 09 Jul 26.

3.6.5 VFR stream departure (Hawk aircraft only)

A local variation to FIHA ENR 1.1 Section 16 – ADF Formation Flights is applicable to Hawk aircraft operating within Pearce SUA. The variation permits trailing elements of VFR Hawk stream departures to squawk standby when Primary Surveillance Radar (PSR) is available. When PSR is not available, ATC may be able to process the stream departure using methods other than ATS Surveillance System Separation. Where an alternate separation standard cannot be applied and PSR is not available, Hawk aircraft will be advised that formation elements **MUST** squawk normal during departure or be delayed on the ground.

3.6.5.1 Requirements:

Hawk VFR stream departures are to comply with the following requirements:

- a) For Hawk VFR stream departures in formations of 2, the lead aircraft will squawk normal and the other element will squawk standby;
- b) For Hawk VFR stream departures in formations of greater than 2, the lead and last aircraft will squawk normal until established in formation;
- c) Formation lead will advise APP on first contact if utilising the procedure by use of the phrase "closing to (formation type)";
- d) The selected formation type is to be established within 10 TACAN PEA when departing from Pearce or within 10NM GIG when departing from Gingin; and
- e) Formation departures from Pearce or Gingin into civil controlled airspace, including when Pearce SUA is not active, are to comply with extant procedures specified in FIHA ENR 1.1 Section 16 – ADF Formation Flights.

3 Cancellation

This amendment will be cancelled when incorporated into the next YPEA FIHA AD2 SUPP.

Approved:

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