



Australian Government

Civil Aviation Safety Authority

Instrument number CASA 497/10

I, ROGER BERTRAM GUY CROSTHWAITE, Manager Permission Application Centre, Industry Permissions Division, a delegate of CASA, make this instrument under subregulation 179A (1) of the *Civil Aviation Regulations 1998*.

[Signed Roger B.G. Crosthwaite]

Roger B.G. Crosthwaite
Manager Permission Application Centre
Industry Permissions Division

20 December 2010

Instructions — for approved use of P-RNAV procedures

1 Duration

This instrument:

- (a) commences on the day after it is registered; and
- (b) stops having effect at the end of December 2012.

2 Revocation

Instruments CASA 59/10, CASA 207/09 and CASA 201/09 are revoked.

3 Application

This instrument applies to the use of precision area navigation (***P-RNAV***) by Execujet Australia Pty Limited, Aviation Reference Number 224736 (the ***operator***):

- (a) in any place where P-RNAV procedures are authorised by the air safety authority or navigation services provider for the place; and
- (b) in the aircraft mentioned in Schedule 1 (the ***aircraft***) equipped with navigation equipment that is:
 - (i) mentioned in Schedule 2; and
 - (ii) installed in accordance with clause 3 of Schedule 3.

4 Instructions

The operator must comply with the standards and procedures mentioned in Schedule 3.

Schedule 1 Aircraft

Manufacturer	Model	Nationality and registration marks	Serial no.
Gulfstream	GIV-SP	VH-DBT	1363
Bombardier	BD-700-1A10	VH-OCV	9326
Learjet	60XR	VH-THG	352

Schedule 2 Navigation equipment

- 2.1 For aircraft VH-DBT — the following navigation and communication equipment:

Manufacturer/type	Model
Dual Honeywell FMS	NZ-2000
Triple Honeywell Laseref IRS	Laseref 11
Dual Honeywell GPS Nav	Nav Computer
Dual Collins Pro-Line VHF	VHF-422C
Dual Collins Pro-Line NAV	VIR-432
Dual Collins DME-432	DME-432
Dual Collins HF	HF9034A
Honeywell Integrated Avionic System	SPZ8400

- 2.2 For aircraft VH-OCV — the following navigation and communication equipment:

Manufacturer/type	Model
Triple Honeywell IRU	LASERREF 1V
Triple Honeywell ADC	AZ850
Triple Honeywell IAC	IC800
Dual Honeywell GPS Nav	GNSSU
Dual Honeywell NAV (includes DME)	RNZ-851
Single Honeywell IAS	Primus 2000XP
Dual Honeywell VHF COM	RCZ-833K
Dual Collins HF	HF9031A
Triple Honeywell FMS	CD-820

- 2.3 For aircraft VH-THG — the following navigation and communication equipment:

Manufacturer/type	Model
Dual Collins FMC	FMC-5000
Dual Collins ADC	ADC-850D
Dual Collins AHC	AHC-3000
Dual Collins GPS receiver	GPS-4000A
Dual Collins NAV	VIR-432
Dual Collins DME	DME-422
Dual Collins VHF COM	VHF-422C
Dual Honeywell HF	KRX-1053

Schedule 3 Standards and procedures

- 1 The operator must comply with the requirements for P-RNAV procedures mentioned in its operations manual and flight manual.
- 2 The operator's operations manual and flight manual must comply with the standards and procedures mentioned in sections 9 and 10 of Temporary Guidance Leaflet No. 10 (*Airworthiness and Operational Approval for Precision RNAV Operations in Designated European Airspace*) issued by the Joint Aviation Authority (the **temporary guidance leaflet**).
- 3 Airborne systems installed in the aircraft:
 - (a) must meet the performance certification criteria and functional criteria mentioned in sections 6 and 7 of the temporary guidance leaflet; and
 - (b) must have been approved by CASA for use with P-RNAV procedures.
- 4 The training program for the flight crew using P-RNAV procedures must comply with the standards for training programs mentioned in paragraph 10.5 of the temporary guidance leaflet.
- 5 Flight crew members must receive appropriate briefings and guidance material as set out in section 10 of the temporary guidance leaflet.
- 6 The operator must tell CASA in writing not later than 14 days after ceasing to be the operator of an aircraft mentioned in Schedule 1.