



Australian Government
Civil Aviation Safety Authority

Instrument number CASA 54/11

I, PETER REGINALD FEREDAY, Executive Manager, Industry Permissions Division, a delegate of CASA, make this instrument under subregulation 179A (1) of the *Civil Aviation Regulations 1988*.

A handwritten signature in black ink, appearing to read 'P. Fereday', written over a large, stylized flourish.

Peter R. Fereday
Executive Manager
Industry Permissions Division

15 February 2011

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 February 2013.

2 Application

This instrument applies to the use of precision area navigation (*P-RNAV*) by Holveak Proprietary Limited, Aviation Reference Number 791168 (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.

3 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.
Bombardier	CL60	VH-VLC	5456

Schedule 2 Aircraft operation

An operation using any of the following navigation and communication equipment:

Manufacturer/type	Model
Triple [Rockwell] Collins Flight Management	Collins FMC-6000
Dual Air Data Computers	Collins ADC-850E
Triple Collins Air Data Inertial Reference Unit (ADIRU)	Litton LTN-101
Dual integrated NAV Units	Collins VIR-432
Triple Collins VHF Comm Units	Collins VHF-422C
Dual HF Units	Collins HF-9031A

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.

Explanatory Statement

Civil Aviation Regulations 1988

Instructions — for approved use of P-RNAV procedures

Legislation

Section 98 of the *Civil Aviation Act 1988* (the *Act*) provides that the Governor-General may make regulations for the Act and the safety of air navigation.

Under subregulation 179A (1) of the *Civil Aviation Regulations 1988* (**CAR 1988**), CASA may issue instructions in relation to Instrument Flight Rules (**I.F.R.**) flights specifying, among other things, the method by which an aircraft is to be navigated and how a positive position fix is to be obtained. Under subregulation 179A (2) of CAR 1988, the pilot in command of an aircraft must not fly it under the I.F.R. if it is not equipped for navigation and to obtain positive position fixes in accordance with instructions issued under subregulation 179A (1). Under subregulations 179A (3) and (3A), if an instruction is not issued in the form of a Civil Aviation Order (**CAO**), it is a disallowable instrument and must be either served on the person to whom it applies or published in a Notice to Airmen (NOTAMS) or in an Aeronautical Information Publication (AIP).

Instructions

The instrument applies to the Bombardier CL60 aircraft VH-VLC (the *aircraft*) operated by Holypeak Proprietary Limited (the *operator*). It contains instructions which the operator must follow if using precision area navigation (**P-RNAV**) procedures. P-RNAV may only be used in a place where P-RNAV procedures are authorised by the air safety authority or air navigation service provider for the place. Under the instrument, the operator is instructed to comply with a series of safety standards and procedures set out in Schedule 3.

Standards and procedures

The operator must comply with the requirements for P-RNAV procedures mentioned in its operations manual and flight manual. These manuals 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*).

Airborne systems installed in the aircraft must meet the performance certification criteria and functional criteria mentioned in sections 6 and 7 of the temporary guidance leaflet and must have been approved by CASA for use with P-RNAV procedures.

The training program for flight crew using P-RNAV procedures must comply with the standards for training programs mentioned in paragraph 10.5 of the temporary guidance leaflet. Flight crew members must have received appropriate briefings and guidance material as set out in section 10 of the temporary guidance leaflet. The operator must tell CASA in writing not later than 14 days after ceasing to be the operator of the aircraft mentioned in Schedule 1.

Legislative Instruments Act

Subregulation 179A (3A) of CAR 1988 declares instructions that are not in a CAO to be a disallowable instrument. Under subparagraph 6 (d) (i) of the *Legislative Instruments Act 2003* (the **LIA**), an instrument is a legislative instrument for section 5 of the LIA if it is declared to

be a disallowable instrument in legislation in force before the commencement of the LIA. The instructions are, therefore, a legislative instrument and are subject to tabling and disallowance in the Parliament under sections 38 and 42 of the LIA.

Consultation

Consultation under section 17 of the LIA has not been undertaken in this case. The instrument is similar to many other instruments issued to operators all of whom meet the same requirements for operations using P-RNAV procedures.

Duration

The instrument commences on the day after it is registered and stops having effect at the end of February 2013.

The instrument has been made by a delegate of CASA under subregulation 7 (1) of CAR 1988.

[Instrument number CASA 54/11]