



IREX VH-OZY
Effective 08 November 2018

For use in the CASA IREX only

THE AIRCRAFT

TYPE	..	..	..	..	Twin piston engine aeroplane.
CALLSIGN	..	..	..	..	VH-OZY
MAX AUW	..	..	..	..	Less than 5,700 kg.
SPEED	..	..	..	..	Cruise TAS 180 knots.
AEROPLANE PERFORMANCE	Category B.				
CROSS WIND COMPONENT	20 knots maximum for take-off or landing.				
TAIL WIND COMPONENT	..	10 knots maximum for take-off or landing.			

STANDARD EQUIPMENT

The aeroplane is fully equipped and serviceable for a CHTR flight under IFR.
The aeroplane does **NOT** have oxygen, pressurisation, de-icing/anti-icing, or auto feathering.

Equipment fitted includes:

1. 2 x GNSS units, TSO-C146a (IFR approved).
2. 1 x VOR/ILS with glideslope and marker beacon receiver.
3. 1 x fixed card ADF.
4. Mode S transponder (ADS-B OUT).
5. 3 axis autopilot, no flight director nor approach-capable system.
6. 2 x VHF radios.
7. 1 x HF radio.
8. Weather radar with 30 kW output rating.
9. Life jackets.
10. Life raft.

Unless otherwise stated in the question, assume all navigation aids and aircraft equipment are serviceable, GNSS RAIM is available, and you are qualified to fly as PIC, all instrument procedures based on these navigation aids (in any combination). The GNSS units fitted to the aircraft are deemed to be capable of RNAV 5, RNAV 2, RNAV 1, RNP 2, RNP 1 and RNP APCH (LNAV only) in accordance with para 10.2 of CAO 20.91.

OPERATIONS

Unless otherwise stated in the question, the examination relates to an aeroplane CHTR flight operating to IFR procedures.

FUEL

Company fuel policy is compliant with Civil Aviation (Fuel Requirements) Instrument 2018 and CAAP 234-1(2.1).

All fuel calculations will be in minutes

Do not separately plan climbs and descents.

Assume holding consumption equals cruise consumption

Do not add any time allowance for taxi, instrument approaches and overshoots.

ADDITIONAL ABBREVIATIONS USED

AICUS - acting in command under supervision

CDI - Course deviation indicator/indication

CIR - Command Instrument Rating

OBS - Omni bearing selector/selection

OBI - Omni bearing indicator

PIC - pilot in command