

Module 3: Flight Plans

Outline

Objective: To review ICAO Flight Plan 2012 PBN designators

- ▶ Content
- ▶ FLT PLN 2012 designator
- ▶ Field 10 and Field 18
- ▶ Specific designators

Flight Plan Requirements

- ▶ ICAO FLT PLN 2012 detailed all PBN Nav Specs: (see handout)
- ▶ R in Field 10 indicates PBN capability
- ▶ PBN switch in Field 18 details aircraft capability
eg PBN/A1B1O1S2

▶ RNAV SPECIFICATIONS

- ▶ A1 RNAV 10 (RNP 10)
- ▶ B1 RNAV 5 all permitted sensors
- ▶ B2 RNAV 5 GNSS
- ▶ B3 RNAV 5 DME/DME
- ▶ B4 RNAV 5 VOR/DME
- ▶ B5 RNAV 5 INS or IRS
- ▶ B6 RNAV 5 LORANC
- ▶ C1 RNAV 2 all permitted sensors
- ▶ C2 RNAV 2 GNSS
- ▶ C3 RNAV 2 DME/DME
- ▶ C4 RNAV 2 DME/DME/IRU
- ▶ D1 RNAV 1 all permitted sensors
- ▶ D2 RNAV 1 GNSS
- ▶ D3 RNAV 1 DME/DME
- ▶ D4 RNAV 1 DME/DME/IRU

RNP SPECIFICATIONS

L1 RNP 4

O1 Basic RNP 1 all permitted sensors

O2 Basic RNP 1 GNSS

O3 Basic RNP 1 DME/DME

O4 Basic RNP 1 DME/DME/IRU

S1 RNP APCH

S2 RNP APCH with BARO-VNAV

T1 RNP AR APCH with RF (special authorisation required)

T2 RNP AR APCH without RF (special authorisation required)

Namibian Navigation Specifications:

In Field 18 after PBN/ switch

Navigation Specification	Field 18 entries
RNAV 10	A1 (RNP 10)
RNAV 5	B1 RNAV 5 All Sensors B2 RNAV 5 GNSS
RNAV 1	D1 RNAV 1 All Sensors D2 RNAV 1 GNSS
RNP 1	O1 RNP 1 All Sensors O2 RNP 1 GNSS
RNP APCH	S1 RNP APCH S2 RNP APCH with BARO-VNAV

Flight Plan

ZCZC JWW137 130319
FF FYWHZRZX FYNMFDPO FYNM
130319 FAORZPZX
(FPL-NMB722-IS
-A319/M-SDFGHIJ4RWXY/H
-FADRO440
-NO448F380 DCT VASUR UQ24
-FYWHO143 FYWB FBSK
-PBN(A1S1 DDF/150813 REG/
RMK/REFID130800148)
NNNN