SUBJECT: All PC-12/47E Series Aircraft - ICAO Flight Plan 2012

To all Customers, Operators and Service Centers. Date: Nov 23/12

This letter provides information concerning the changes to the ICAO flight plan form in 2012. The changes affect the information to be provided regarding the aircraft navigation and communication capability.

The tables below provide information regarding the certified capabilities of the PC-12/47E aircraft. Installation of relevant equipment and aircraft certification does not guarantee operational approval. It is the responsibility of the operator to apply for operational approval at the local authorities.

For further details, refer to the PC-12/47E AFM No. 02277 Section 2 - PRIMUS APEX - FLIGHT MANAGEMENT SYSTEM.

Field 10a

Code	Description	Capable	Prerequisites
A	GBAS landing system	-	
B	LPV (APV with SBAS)	(Y)	LPV option selected, SBAS capable GNSSU installed
C	LORAN C	-	
D	DME	Y	
E1	FMC WPR ACARS	-	
E2	D-FIS ACARS	-	
E3	PDC ACARS	-	
F	ADF	(Y)	ADF option installed
G	GNSS	Y	
H	HF RTF	(Y)	HF radio option installed
I	Inertial Navigation	-	
J1	CPDLC ATNVDL Mode 2	-	
J2	CPDLC FANS 1/A HFDL	-	
J3	CPDLC FANS 1/A VDL Mode A	-	
J4	CPDLC FANS 1/A Mode 2	-	
J5	CPDLC FANS 1/A SATCOM (INMARSAT)	-	
J6	CPDLC FANS 1/A SATCOM (MTSAT)	-	
J7	CPDLC FANS 1/A SATCOM (Iridium)	-	
K	MLS	-	
L	ILS	Y	
M1	ATC RTF SATCOM (INMARSAT)	-	
M2	ATC RTF (MTSAT)	-	
M3	ATC RTF (Iridium)	-	
O	VOR	Y	
R	PBN	Y	
T	TACAN	-	
U	UHF RTF	-	
V	VHF RTF	Y	
W	RVSM	(Y)	RVSM option selected
X	MNPS	(Y)	Second FMS option selected, second GNSSU option selected, Cursor Control Device (CCD)
Y	VHF with 8.33 kHz channel spacing capability	(Y)	MSN 545, 1001 to 1040 post SB 23-005 (incorporated in factory on MSN 1041 and up)
Z	Other equipment carried or other capabilities	-	

Field 10b

Code	Description	Capable	Prerequisites
N	Nil Surveillance	-	
A	Transponder-Mode A (4 digits-4096 codes)	-	
C	Transponder-Mode A (4 digits-4096 codes) and Mode C	-	
E	Transponder-Mode S, including aircraft identification, pressure-altitude and extended squitter (ADS-B) capability	-	
H	Transponder-Mode S, including aircraft identification, pressure-altitude and enhanced surveillance capability	Y	
I	Transponder-Mode S, including aircraft identification, but no pressure-altitude capability	-	
L	Transponder-Mode S, including aircraft identification, pressure-altitude and extended squitter (ADS-B) and enhanced surveillance capability	-	
P	Transponder-Mode S, including pressure-altitude, but no aircraft identification capability	-	
S	Transponder-Mode S, including pressure-altitude, but no aircraft identification capability	-	
X	Transponder-Mode S, with neither aircraft identification nor pressure-altitude capability	-	
B1	ADS-B with dedicated 1090 MHz ADS-B "out" capability	-	
B2	ADS-B with dedicated 1090 MHz ADS-B "out" and "in" capability	-	
U1	ADS-B "out" capability using UAT	-	
U2	ADS-B "out" and "in" capability using UAT	-	
V1	ADS-B "out" capability using VDL Mode 4	-	
V2	ADS-B "out" and "in" capability using VDL Mode 4	-	
D1	ADS-C with FANS 1/A capabilities	-	
G1	ADS-C with ATN capabilities	-	

Field 18

Code	Description	Capable	Prerequisites
	RNAV Specification		
A1	RNAV 10 (RNP 10)	-	
B1	RNAV 5 all permitted sensors	-	
B2	RNAV 5 GNSS	Y	
B3	RNAV 5 DME/DME	-	
B4	RNAV 5 VOR/DME	-	
B5	RNAV 5 INS or IRS	-	
C1	RNAV 2 all permitted sensors	-	
C2	RNAV 2 GNSS	Y	
C3	RNAV 2 DME/DME	-	
C4	RNAV 2 DME/DME/IRU	-	
D1	RNAV 1 all permitted sensors	-	
D2	RNAV 1 GNSS	Y	
D3	RNAV 1 DME/DME	-	
D4	RNAV 1 DME/DME/IRU	-	
	RNP Specification		
L1	RNP 4	-	
O1	Basic RNP 1 all permitted sensors	-	
O2	Basic RNP 1 GNSS	Y	
O3	Basic RNP 1 DME/DME	-	
O4	Basic RNP 1 DME/DME/IRU	-	
S1	RNP APCH	Y	
S2	RNP APCH with BARO-VNAV	(Y)	Coupled VNAV option selected, Flight Guidance Panel with VNAV pushbutton installed
T1	RNP AR APCH with RF (special authorisation Rqd)	-	
T2	RNP AR APCH without RF (special authorisation Rqd)	-	