

STS/ Special Handling Reasons			
ALTRV	altitude reservation	HUM	Humanitarian
ATFMX	exempt from ATFM	FFR	Fire fighting
FLTCK	Flight Check	HEAD	Head of State
HAZMAT	Hazardous Materials	SAR	Search and Rescue
MEDEVAC	Life-critical medical flight	HOSP	Medical Flight
STATE	Engaged in Military, Customs, or Police Services		
MARSA	Military assumes responsibility for separation of aircraft		
NONRVSM	Non-RVSM requesting operations in RVSM airspace (ensure W is not filed in Item 10a)		

Item 18 PBN/ Capabilities (up to 8 allowed)
File any necessary codes in excess of 8 in NAV/

Oceanic A1 RNAV 10 (RNP 10) L1 RNP 4	RNP 1 O1 All O2 GNSS
RNAV 5 B1 All B2 GNSS B3 DME/DME B4 VOR/DME B5 INS or IRS	RNP Approach S1 RNP APCH S2 RNP APCH/ Baro VNAV RNP AR Approach T1 RNP AR APCH w/RF
RNAV 2 C1 All C2 GNSS C4 DME/DME/IRU	RNAV 1 D1 All D2 GNSS D4 DME/DME/IRU

Additional PBN capabilities in Item 18 NAV/

Z1	Radius to Fix (RF)	Always include Z in Item 10a when filing NAV/
Z2	Fixed Radius Transitions (FRT)	
Z5	Time of Arrival Control (TOAC)	
R1	Helicopter RNP 0.3	
P1	Advanced RNP (A-RNP)	
M1	RNP 2 Continental	
M2	RNP 2 Oceanic/Remote	

PER/ Performance Categories

Categories based on Vref if specified, or 1.3 Vso, each at maximum certificated landing weight per CFR 97.3

- A** less than 91 knots IAS
- B** at least 91 and less than 121 knots IAS
- C** at least 121 and less than 141 knots IAS
- D** at least 141 and less than 166 knots IAS
- E** greater than 166 and less than 211 knots IAS
- H** Helicopters

Datacomm Services
(See AC 90-117 Appendix D) Further guidance:
[Open End to End, then go to Table 14](#)

Pre Departure Clearance

Item 10a- Z
PDC and DCL do not require any 'J' code in Item 10a
Item 18 DAT/ - Priority number followed by each service:
PDC- for ACARS PDC
FANS- for FANS DCL
FANSP- for FANS 1/A + DCL
VOICE- for Voice only
Example: DAT/1FANS2PDC

En Route CPDLC Services

Item 10a- Z and appropriate 'J' code
Item 18 DAT/- Priority number followed by each applicable service:
FANSE
FANSER
PDC
Example: DAT/1FANSER2PDC

Key PBN Routes (See AIM Appendix 4 table 4-13)

Route Type	Item 10a	Item 18 PBN/	Item 18 NAV/
RNP 1 SID or STAR & RF required	GRZ	O1 or O2	Z1
RNAV 1 SID or STAR	GR DIR	D1 or D2 D1 or D4	
Domestic Q Route	GR DIR	C1 or C2 C1 or C4	
T Route	GR	C1 or C2	
TK Route	GR	C1 or C2	
TK Route (RNP 0.3)	GZ		R1

Note: RNP routes requiring RF or FRT, include Z1 or Z2 in NAV/ (see "Add'l PBN Cap.")

Reduced Oceanic Separation- See AIP Appendix 2 tables 2-14 through 2-17

Flight Plan

Quick Guide

2022



- (FPL-ACID-Fit Rules Flight Type**
- **AC Type/Wake Cat-Equip.&Capability**
 - **Departure EOBT**
 - **Speed Altitude [sp] Route**
 - **Destination ETE [sp] Alternate(s)**
 - **Other Information)**

Example:

(FPL-TTT123-IS -C550/L-SADE1E2GHIJ3J5P2RWZ/SB1D1 -KPWM1225
-N0440F310 SSOXS5 SSOXS DCT BUZRD
DCT SEY DCT HTO J174 ORF J121
CHS EESNT LUNNI1
-KJAX0214 KMCO
-PBN/A1L1B1C1D1O1T1 NAV/Z1 GBAS
DAT/1FANS2PDC SUR/260B RSP180
DOF/220501 REG/N123A SEL/BPAM
CODE/A05ED7)

References:

- [Aeronautical Information Manual \(AIM\) Appendix 4](#)
- [Aeronautical Info. Publication \(AIP\) Appendix 2](#)
- [FAA Flight Planning Website](#)
- [Form FAA 7233-4](#)

Item 10a (Navigation, Communications, Approach Aid)	
N No capabilities	S Standard
Z Other capabilities- indicate in Item 18 NAV/, DAT/, or COM//	Standard is VOR, VHF, ILS
W RVSM- File W only if authorized RVSM ops	
Voice Communications via radio	
H HF RTF	U UHF RTF
V VHF RTF	Y 8.33 kHz RTF
ATC SATVOICE	
Include Aircraft address in Item 18 Code/	
M1 Inmarsat	M3 Iridium
Data Communications- ACARS	
E1 ACARS FMC WPR	E2 ACARS D-FIS
E3 ACARS PDC	
Data Communications- CPDLC ATN	
J1 VDL Mode 2	
Data Communications- CPDLC FANS 1/A	
Include aircraft registration in Item 18 REG/ when planning a CPDLC login	
J2 HF DL	J3 VDL Mode A
J4 VDL Mode 2	J5 Satellite Inmarsat
J7 Satellite Iridium	
Required Communications Performance	
See ACs 90-117, 20-140C Requires Ops Auth.	
P1 RCP400	P2 RCP240
P3 RCP400 SATVOICE	P4- P9 Reserved
Navigation	
D DME	F ADF
G GNSS	I INS
T TACAN	R PBN- include type in item 18 PBN/
O VOR	X MNPS / NAT HLA approved
Approach Capabilities	
A GBAS Landing Sys.	B LPV (APV w/ SBAS)
L ILS	K MLS

Item 10b (Surveillance)	
N No capabilities- include no other entries if filed	
Transponder (include no more than one)	
A Mode A (no Mode C)	
C Modes A and C	
S Mode S- ACID and Altitude	
P Mode S- Altitude, no ACID	
I Mode S- ACID, no Altitude	
X Mode S- no ACID, no Altitude	
E Mode S- ACID, Altitude, Extended Squitter	
H Mode S- ACID, Altitude, Enhanced Surveillance	
L Mode S- ACID, Altitude, Enhanced Surveillance, Extended Squitter	
ADS-B (include up to three)	
<ul style="list-style-type: none"> Include aircraft address in Item 18 CODE/ When compliant with 14 CFR 91.227 and AC 20-165, also include in Item 18 SUR/: 260B (for 1090 MHz) 282B (for UAT) 	
B1 1090 MHz "out"	
B2 1090 MHz "out" and "in"	
U1 UAT "out"	
U2 UAT "out" and "in"	
V1 VDL Mode 4 "out"	
V2 VDL Mode 4 "out" and "in"	
ADS-C (include each that applies)	
Include aircraft registration in Item 18 REG/ when planning an ADS-C login	
D1 ADS-C FANS 1/A	
G1 ADS-C ATN	



Item 18 (Other Information)	
STS/	Special Handling (see list)
PBN/	Performance Based Navigation (see list). Include 'R' in item 10a h
NAV/	Other Navigation Capability (see advanced services) See note below.
COM/	Other Communications Capability. See note below.
DAT/	Other Data Application (See AC 90-117). See note below.
SUR/	Other Surv. Capability (e.g. 260B RSP180)
DEP/	Non-standard Departure (e.g. MD24)
DEST/	Non-standard Destination (e.g. EMI090021)
DOF/	Date of Flight (YYMMDD, e.g. 121123)
REG/	Registration (e.g. N123A)
EET/	Estimated Elapsed Times (e.g. KZNY0124)
SEL/	SELCAL (e.g. BPAM)
TYP/	Non-standard AC Type
CODE/	Aircraft/Mode S address in hex (e.g. A519D9)
DLE/	Delay (at a fix) (e.g. EXXON0120)
OPR/	Operator, when not evident from ACID
ORGN/	Flight Plan Originator (e.g. KHOUARCW)
PER/	Performance Category (e.g. A)
ALTN/	Non-standard Alternate(s) (e.g. 61NC)
RALT/	Enroute Alternate(s) (e.g. EINN CYYR KDTW)
TALT/	Take-off Alternate(s) (e.g. KTEB)
RIF/	Route to revised Destination
RMK/	Remarks- include any information instructed to include in Remarks (e.g. for NAS Field 11)
Note: When filing NAV/, COM/, or DAT/ include a 'Z' in Item 10a	

