

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

Additional PBN capabilities in Item 18 NAV/	
Z1	Radius to Fix (RF)
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

Always include Z in Item 10a when filing NAV/

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: <u>Open End to End, then go to Table 14</u>
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

2024



- (FPL-ACID-Flt 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/A2 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-	Reserved
		P9	
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)	
- Include aircraft address in Item 18 CODE/ - When compliant with 14 CFR 91.227 and AC 20-165, also include in Item 18 SUR/: SUR/A2	
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. A2 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	

