

STS/ Special Handling Reasons			
<b>ALTRV</b>	altitude reservation	<b>HUM</b>	Humanitarian
<b>ATFMX</b>	exempt from ATFM	<b>FFR</b>	Fire fighting
<b>FLTCK</b>	Flight Check	<b>HEAD</b>	Head of State
<b>HAZMAT</b>	Hazardous Materials	<b>SAR</b>	Search and Rescue
<b>MEDEVAC</b>	Life-critical medical flight	<b>HOSP</b>	Medical Flight
<b>MARSA</b>	Military assumes responsibility for separation of aircraft		
<b>NONRVSM</b>	Non-RVSM requesting operations in RVSM airspace (ensure <b>W</b> 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>		<u>RNP 1</u>	
<b>A1</b> RNAV 10 (RNP 10)		<b>O1</b> All	
<b>L1</b> RNP 4		<b>O2</b> GNSS	
<u>RNAV 5</u>		<u>RNP Approach</u>	
<b>B1</b> All		<b>S1</b> RNP APCH	
<b>B2</b> GNSS		<b>S2</b> RNP APCH/Baro VNAV	
<b>B3</b> DME/DME		<u>RNP AR Approach</u>	
<b>B4</b> VOR/DME		<b>T1</b> RNP AR APCH w/RF	
<b>B5</b> INS or IRS			
<u>RNAV 2</u>		<u>RNAV 1</u>	
<b>C1</b> All		<b>D1</b> All	
<b>C2</b> GNSS		<b>D2</b> GNSS	
<b>C4</b> DME/DME/IRU		<b>D4</b> DME/DME/IRU	
Additional PBN capabilities in Item 18 NAV/			
<b>Z1</b> Radius to Fix (RF)		<div>Always include Z in Item 10a when filing NAV/</div>	
<b>Z2</b> Fixed Radius Transitions (FRT)			
<b>Z5</b> Time of Arrival Control (TOAC)			
<b>R1</b> Helicopter RNP 0.3			
<b>P1</b> Advanced RNP (A-RNP)			
<b>M1</b> RNP 2 Continental			
<b>M2</b> RNP 2 Oceanic/Remote			
PER/ Performance Categories			
Categories based on Vref if specified, or 1.3Vso, each at maximum certificated landing weight per CFR 97.3			
<b>A</b> less than 91 knots IAS			
<b>B</b> at least 91 and less than 121 knots IAS			
<b>C</b> at least 121 and less than 141 knots IAS			
<b>D</b> at least 141 and less than 166 knots IAS			
<b>E</b> greater than 166 and less than 211 knots IAS			
<b>H</b> Helicopters			

Datacomm Services (See AC 90-117 Appendix D) Further guidance: <a href="https://www.f3harris.com/datacomm">https://www.f3harris.com/datacomm</a>			
Pre Departure Clearance	Item 10a- Z  <i>PDC and DCL do not require any 'J' code in Item 10a</i>  Item 18 DAT/ - Priority number followed by each service: <b>PDC-</b> for ACARS PDC <b>FANS-</b> for FANS DCL <b>FANSP-</b> for FANS 1/A + DCL <b>VOICE-</b> 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: <b>FANSE</b> <b>FANSER</b> <b>PDC</b>  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	D1 or D2	
	DIR	D1 or D4	
Domestic Q Route	GR	C1 or C2	
	DIR	C1 or C4	
T Route	GR	C1 or C2	
TK Route	GR	C1 or C2	
TK Route (RNP 0.3)	GZ		R1
<i>Note: RNP routes requiring RF or FRT, include Z1 or Z2 in NAV/ (see "Add'l PBN Cap.")</i>			
Reduced Oceanic Separation- See AIP Appendix 2 tables 2-14 through 2-17			

## FAA ICAO Flight Plan Quick Guide

2022

( 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-SDE1E2GHIJ3J5RWZ/SB1D1  
 -KPWM1225  
 -N0440F310 SS0XS5 SS0XS DCT BUZRD  
 DCT SEY DCT HTO J174 ORF J121  
 CHS EESNT LUNNI1  
 -KJAX0214 KMCO  
 -PBN/A1L1B1C1D101T1 NAV/Z1 GBAS  
 DAT/1FANS2PDC SUR/260B RSP180  
 DOF/220501 REG/N123A SEL/BPAM  
 CODE/A05ED7)

## For further information:

Aeronautical Info. Manual (AIM) Append. 4  
 Aeronautical Info. Publication (AIP) Append. 2  
 Both are available at:

[https://www.faa.gov/air\\_traffic/publications/](https://www.faa.gov/air_traffic/publications/)

## Flight plan filing additional guidance:

[https://www.faa.gov/about/office\\_org/headquarters\\_offices/ato/service\\_units/air\\_traffic\\_services/fligh\\_plan\\_filing](https://www.faa.gov/about/office_org/headquarters_offices/ato/service_units/air_traffic_services/fligh_plan_filing)

Item 10a (Navigation, Communications, Approach Aid)		
<b>N</b>	No capabilities	<b>S</b> Standard Standard is VOR, VHF, ILS
<b>Z</b>	Other capabilities- indicate in NAV/ DAT/, or COM//	
<b>W</b>	RVSM- <i>File W only if authorized for RVSM operations</i>	
Voice Communications via radio		
<b>H</b>	HF RTF	<b>U</b> UHF RTF
<b>V</b>	VHF RTF	<b>Y</b> 8.33 kHz RTF
ATC Satvoice		
<i>Include Aircraft address in Item 18 Code/</i>		
<b>M1</b>	Inmarsat	<b>M2</b> MTSAT
<b>M3</b>	Iridium	
Data Communications- ACARS		
<b>E1</b>	ACARS FMC WPR	<b>E2</b> ACARS D-FIS
<b>E3</b>	ACARS PDC	
Data Communications- CPDLC ATN		
<b>J1</b>	VDL Mode 2	
Data Communications- CPDLC FANS 1/A		
<i>Include aircraft registration when planning a CPDLC login</i>		
<b>J2</b>	HF DL	<b>J3</b> VDL Mode A
<b>J4</b>	VDL Mode 2	<b>J5</b> Satellite Inmarsat
<b>J6</b>	Satellite MTSAT	<b>J7</b> Satellite Iridium
Required Communications Performance		
<i>See ACs 90-117, 20-140C Requires Ops Auth.</i>		
<b>P1</b>	RCP400	<b>P2</b> RCP240
<b>P3</b>	RCP400 (Satvoice)	<b>P4-P9</b> Reserved
Navigation		
<b>D</b>	DME	<b>F</b> ADF
<b>G</b>	GNSS	<b>I</b> INS
<b>T</b>	TACAN	<b>R</b> PBN- <i>Include type in Item 18 PBN/</i>
<b>O</b>	VOR	
Approach Capabilities		
<b>A</b>	GBAS Landing Sys.	<b>B</b> LPV (APV w/SBAS)
<b>C</b>	LORAN C	<b>K</b> MLS
<b>L</b>	ILS	

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

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