Column 1

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
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		RNP 1	
A1	RNAV 10 (RNP 10)	O1	All
L1	RNP 4	O2	GNSS

RNAV 5		RNP Approach	
B1	All	S1	RNP APCH
B2	GNSS	S2	RNP APCH/Baro VNAV
B3	DME/DME		
B4	VOR/DME	RNP AR Approach	
B5	INS or IRS	T1	RNP AR APCH w/RF

RNAV 2		RNAV 1	
C1	All	D1	All
C2	GNSS	D2	GNSS
C4	DME/DME/IRU	D4	DME/DME/IRU

Additional PBN capabilities in Item 18 NAV/

Z1	Radius to Fix (RF)	
Z2	Fixed Radius Transitions (FRT)	Always include Z in Item 10a when filing NAV/
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 1.3Vso, 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

Column 2

Datacomm Services (See AC 90-117 Appendix D)
Further guidance: https://www.l3harris.com/datacomm

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	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

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

Column 3

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 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)

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/

Flight plan filing additional guidance:

https://www.faa.gov/about/office_org/headquarters_offices/ato/service_units/air_traffic_services/flight_plan_filing

Item 10a (Navigation, Communications, Approach Aid)

N	No capabilities	**S**	Standard Standard is VOR, VHF, ILS
Z	Other capabilities- indicate in NAV/, DAT/, or COM//		
W	RVSM- *File W only if authorized for RVSM operations*		

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	**M2**	MTSAT
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 when planning a CPDLC login

J2	HF DL	**J3**	VDL Mode A
J4	VDL Mode 2	**J5**	Satellite Inmarsat
J6	Satellite MTSAT	**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		

Approach Capabilities

A	GBAS Landing Sys.	**B**	LPV (APV w/SBAS)
C	LORAN C	**K**	MLS
L	ILS		

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/ :*

  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 when planning an ADS-C login

D1	ADS-C FANS 1/A
G1	ADS-C ATN

ARINC Flight Ops Phone 001 410 266 2266 SATPHONE 001 321 292 3270

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) N183T
EET/	Estimated Elapsed Times (e.g. KZNY0124)
SEL/	SELCAL (e.g. BPAM) XXXX TBD
TYP/	Non-standard AC Type
CODE/	Aircraft/Mode S address in hex (e.g. A519D9) A14D7A
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