

TBL 4-13

## Filing for Performance Based Navigation (PBN) Routes

Type of Routing	Capability Required	Item 10a	Item 18 PBN/ See NOTE 4	Notes
RNAV SID or STAR (See NOTE 1)	RNAV 1	GR	D2	If GNSS
		DIR	D4	If DME/DME/IRU
Domestic Q-Route (see separate requirements for Gulf of Mexico Q-Routes)	RNAV 2	GR	C2	If GNSS
		DIR	C4	If DME/DME/IRU
T-Route	RNAV 2	GR	C2	GNSS is required for T-Routes
RNAV (GPS) Approach	RNAV Approach, GPS	GR	S1	<i>Domestic arrivals do not need to file PBN approach capabilities to request the approach.</i>
RNAV (GPS) Approach	RNAV Approach, GPS Baro-VNAV	GR	S2	
RNP AR Approach with RF	RNP (Special Authorization Required) RF Leg Capability	GR	T1	
RNP AR Approach without RF	RNP (Special Authorization Required)	GR	T2	

**NOTE-**

**1.** If the flight is requesting an RNAV SID only (no RNAV STAR) or RNAV STAR only (no RNAV SID) then the flight plan can include the following entries in Item 18 NAV/:

- Assign RNAV SID, but no RNAV STAR: NAV/RNVD1E2A0 (optionally, the A0 may be omitted)
- Assign RNAV STAR, but no RNAV SID: NAV/RNVD0E2A1 (optionally, the D0 may be omitted)

**2.** PBN code D1 includes the capabilities of D2, D3, and D4. PBN code B1 includes the capabilities of B2, B3, and B4. PBN code C1 includes the capabilities of C2, C3, and C4.

**7.** Automated Departure Clearance Delivery (DCL or PDC). When planning to use automated pre-departure clearance delivery capability, file as indicated below.

(a) PDC provides pre-departure clearances from the FAA to the operator's designated flight operations center, which then delivers the clearance to the pilot by various means. Use of PDC does not require any special flight plan entry.

(b) DCL provides pre-departure clearances from the FAA directly to the cockpit/FMS via Controller Pilot Datalink Communications (CPDLC). Use of DCL requires flight plan entries as follows:

- Include CPDLC codes in Item 10a only if the flight is capable of en route/oceanic CPDLC, the codes are not required for DCL.
- Include Z in Item 10a to indicate there is information provided in Item 18 DAT/.
- Include the clearance delivery methods of which the flight is capable, and order of preference in Item 18 DAT/. (See AIM 5-2-2)
  - VOICE – deliver clearance via Voice
  - PDC – deliver clearance via PDC
  - FANS – deliver clearance via FANS 1/A
  - FANSP – deliver clearance via FANS 1/A+

**EXAMPLE-**

*DAT/IFANS2PDC*

*DAT/IFANSP2VOICE*

**8.** Operating in Reduced Vertical Separation Minima (RVSM) Airspace (Item 10a). When planning to fly in RVSM airspace (FL 290 up to and including FL 410) then file as indicated below.