

	RNP SPECIFICATIONS
L1	RNP 4
O1	Basic RNP 1 all permitted sensors
O2	Basic RNP 1 GNSS
O3	Basic RNP 1 DME/DME
O4	Basic RNP 1 DME/DME/IRU
S1	RNP APCH
S2	RNP APCH with BARO-VNAV
T1	RNP AR APCH with RF (special authorization required)
T2	RNP AR APCH without RF (special authorization required)

NOTE—

Combinations of alphanumeric characters not indicated above are reserved.

(d) NAV/ Significant data related to navigation equipment, other than as specified in PBN/.

(1) When Performance Based Navigation Capability has been filed in PBN/, if PBN routing is desired for only some segment(s) of the flight then that information can be conveyed by inserting the character “Z” in Item 10 and “NAV/RNV” in field 18 followed by the appropriate RNAV accuracy value(s) per the following:

[a] To be assigned an RNAV 1 SID, insert the characters “D1”.

[b] To be assigned an RNAV 1 STAR, insert the characters “A1”.

[c] To be assigned en route extensions and/or RNAV PTP, insert the characters “E2”.

[d] To prevent assignment of an RNAV route or procedure, insert a numeric value of “0” for the segment of the flight. Alternatively, you may simply remove the segment of the flight indicator and numeric value from the character string.

EXAMPLE—

- NAV/RNVD1 or NAV/RNVD1E0A0 (Same meaning)
- NAV/RNVA1 or NAV/RNVD0E0A1 (Same meaning)
- NAV/RNVE2 or NAV/RNVD0E2A0 (Same meaning)
- NAV/RNVD1A1 or NAV/RNVD1E0A1 (Same meaning)
- NAV/RNVD1E2A1

NOTE—

- Route assignments are predicated on NAV/ data over PBN/ data in ERAS.

2. Aircraft certification requirements for RNAV operations within U.S. airspace are defined in AC 20–138, Airworthiness Approval of Positioning and Navigation Systems, and AC 90–100, U.S. Terminal and En Route Area Navigation (RNAV) Operations.

(2) Operators should file their maximum capabilities in order to qualify for the most advanced procedures.

(e) COM/ Indicate communications capabilities not specified in Item 10a, when requested by an air navigation service provider.

(f) DAT/ Indicate data applications or capabilities not specified in Item 10a, when requested by an Air Navigation Service Provider.

(g) SUR/ Indicate surveillance capabilities not specified in Item 10b, when requested by an Air Navigation Service Provider.

(1) If ADS–B capability filed in Item 10 is compliant with RTCA DO–260B, include the item “260B” in SUR/. If ADS–B capability filed in Item 10 is compliant with RTCA DO–282B, include the item “282B” in SUR/.

EXAMPLE—

- SUR/260B
- SUR/260B 282B

(2) When Required Surveillance Performance (RSP) Capability has been filed in SUR/, this can be conveyed by inserting the character “Z” in Item 10 and “SUR/” in field 18 followed by the appropriate RSP performance per the following:

[a] For RSP 180 – flight plan RSP180

[b] For RSP 400 – flight plan RSP400

EXAMPLE—

- SUR/ RSP180
- SUR/ RSP400
- SUR/ RSP180 RSP400

(h) DEP/ Insert the non–ICAO identifier, or fix/radial/distance from navaid, or latitude/longitude, if ZZZZ is inserted in Item 13. Optionally, append the name of the departure point.

EXAMPLE—

- DEP/T23 ALBANY MUNI
- DEP/T23
- DEP/UKW197011 TICK HOLLR RANCH
- DEP/4620N07805W