

	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-

1. NAV/RNVD1 or NAV/RNVD1E0A0 (Same meaning)
2. NAV/RNVA1 or NAV/RNVD0E0A1 (Same meaning)
3. NAV/RNVE2 or NAV/RNVD0E2A0 (Same meaning)
4. NAV/RNVD1A1 or NAV/RNVD1E0A1 (Same meaning)
5. NAV/RNVD1E2A1

NOTE-

1. 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-

1. SUR/260B
2. 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-

1. SUR/RSP180
2. SUR/RSP400
3. 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-

1. DEP/T23 ALBANY MUNI
2. DEP/T23
3. DEP/UKW197011 TICK HOLLR RANCH
4. DEP/4620N07805W