

# Advisory Pamphlet

## Criteria for Approval of Area Navigation (RNAV) and Barometric Vertical Navigation (Baro-VNAV)

AP 1.1.058A



AIR OPERATOR CERTIFICATION

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| AP 1.1.058A   |  | 01 Dec 10                  |
| Criteria for Approval of RNP 1 (P RNAV) RNP 5 (B RNAV) and Barometric Vertical Navigation |   |                            |
|   |   | Air Operator Certification |

## 1. Purpose

- 1.1.1. Israel has adopted FAA AC 90-105, as amended, as the criteria for approval of Area Navigation (RNAV) and Barometric Vertical Navigation (Baro-VNAV).
- 1.1.2. FAA AC 90-105 provides system and operational approval guidance for the conduct of RNP Instrument Departure Procedures (RNP 1,P RNAV DPs), Standard Terminal Arrival Routes (STAR) (RNP 1,P RNAV STARs), and RNP 5 ( B RNAV) routes where air traffic control (ATC) procedures are applied . This AC also provides operational approval guidance for the conduct of barometric vertical navigation (Baro-VNAV) RNP IAPs with the lateral navigation (LNAV)/vertical navigation (VNAV) minimums . including Operator's requirements and the installation and approval of associated aircraft systems.

## 2. Reference Material

- 2.1. Regulatory Requirements
- 2.1.1. ANR.OPS 18A, 33B, 34(b)
- 2.2. Reference Material
- 2.2.1. FAA AC 90-105

## 3. Guidance and Procedures

### 3.1.1. Differences

For the purpose of applying the contents of the FAA AC to the Israeli Aviation Regulatory system, the following terms that are used throughout the FAA AC should be interpreted as follows:

Title 14 of the Code of Federal Regulations (14 CFR) = Israeli Air Navigation Regulations (IANRs)

Part 91= IANR Ops. Chapters 2,3,4

Part 95 = IANR Ops.

Part 97 = IANR Ops. 1 , Chapter 4

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Part 121 = IANR.OPS Chapter 13

Part 125 = IANR.OPS Chapter 12

Part 129 = IANR.OPS Chapter 12 , Chapter 13

Part 135 = IANR.OPS Chapter 12

FAR References

91.123 = IANR Ops. 67 , 73

91.175 = IANR Ops. 108-116

91.205 = IANR Ops. 133

97.20 = IANR Ops. 1

121.349 = IANR Ops. 411

121.567 = IANR Ops.

125.203 = IANR Ops. 133

125.287 = IANR Ops.

125.323 = IANR Ops.

129.17 = IANR.OPS. 133

135.165 = IANR.OPS. 292

RTCA/DO = As Is

FAA Technical Standard Orders (TSO) = As Is

FAA Orders = CAAI Directives

FAA OpSpecs = Israeli OpSpecs

OpSpecs Paragraph = Israeli OpSpecs

Paragraph 10. APPROVAL FOR  
OPERATIONS IN ALASKA – Not  
Applicable

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The phrase "Acceptable to the FAA" = Acceptable to the CAAI

FAA units – Several FAA units, divisions and offices (AFS, CHDO, FSDO etc) are referenced in the FAA AC. Under the CAAI organizational structure, all references are to the CAAI relevant Division: Airworthiness, Infrastructure or Operations.

FAA post holders – Several FAA post holders are referenced in the FAA AC. Under the CAAI organizational structure, all references are to the CAAI inspectorate, either POI or PMI.

### 3.2. OpSpecs

3.2.1. Israel uses simplified OpSpecs compared to the FAA OpSpecs described in the FAA AC.

3.2.2. RNAV RNP 1, RNAV RNP 5 and approval for Baro VNAV Operation authorized in Special Authorization paragraph in the OpSpecs.