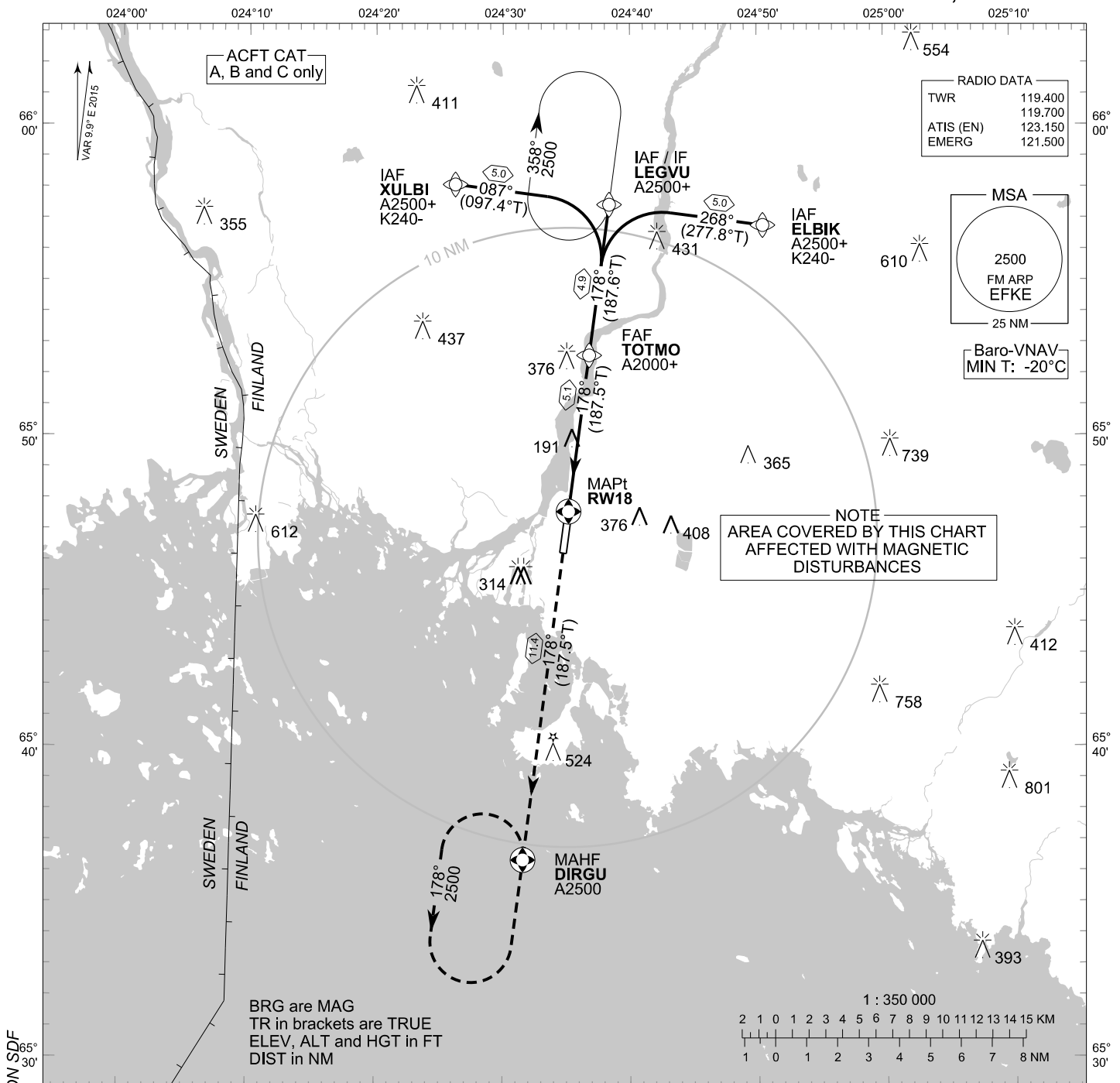


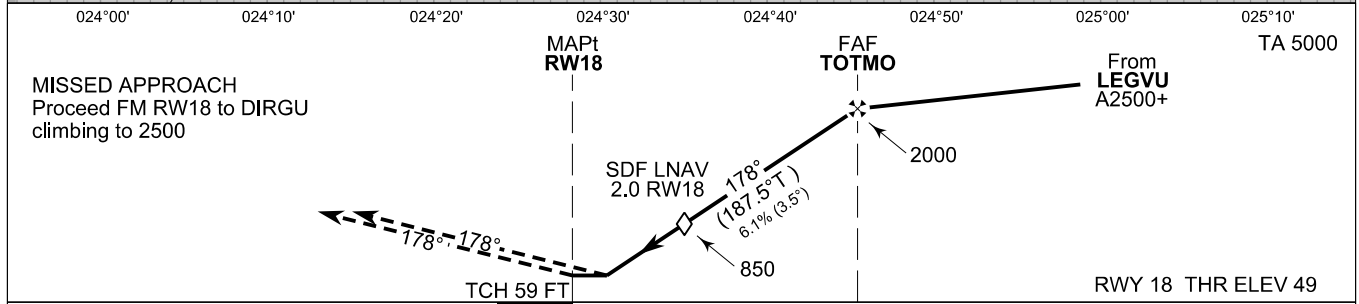
**INSTRUMENT
APPROACH CHART - ICAO**

ELEV 62 FT
HEIGHTS RELATED TO
THR RWY 18 ELEV 49 FT

RNAV (GNSS) RWY 18
KEMI-TORNIO AERODROME
KEMI, FINLAND



CHG: LNAV/VNAV OCA (H). ADDN SDF



| OCA (H) | A | | | B | | | C | | | |
|-----------|-----------|-----------|-----------|--------|--------|--------|--------|--------|--------|--------|
| | 1.0 NM | 2.0 NM | 3.0 NM | 4.0 NM | 5.0 NM | 1.0 NM | 2.0 NM | 3.0 NM | 4.0 NM | 5.0 NM |
| LNAV | 440 (390) | | | | | | | | | |
| LNAV/VNAV | 306 (257) | 321 (272) | 333 (284) | | | | | | | |
| Circling | 580 (520) | 680 (610) | 810 (740) | | | | | | | |

| DIST FM THR | 1.0 NM | 2.0 NM | 3.0 NM | 4.0 NM | 5.0 NM | |
|-------------------|-----------|-----------|-------------|-------------|-------------|------|
| Altitude (Height) | 480 (430) | 850 (800) | 1220 (1170) | 1590 (1540) | 1960 (1920) | |
| | kt | 90 | 100 | 120 | 140 | 160 |
| FAF - MAPt 5.1 NM | min:sec | 3:24 | 3:03 | 2:33 | 2:11 | 1:55 |
| Rate of descent | ft/min | 560 | 620 | 740 | 870 | 990 |

Timing not authorized for defining the MAPt

| EFKE RNAV (GNSS) RWY 18 | | | | | | | | | | |
|--------------------------|--------|-----|-------|------|---------|-----------------|---------|-------------------|-------------|-------|
| PROC ID NAV SPEC | SEQ NR | P/T | WPT | | | MAG GEO TR | DIST NM | Turn Direction | Constraints | |
| | | | ID | Type | Flyover | | | | LVL | Speed |
| R18 ELBIK RNP APCH | 005 | IF | ELBIK | IAF | - | 268° 277.8°T | 5.0 | L | A2500+ | K240- |
| | 010 | TF | LEGVU | IF | - | 178° 187.6°T | 4.9 | | A2500+ | |
| | 020 | TF | TOTMO | FAF | - | 178° 187.5°T | 5.1 | | A2000+ | |
| | 030 | TF | RW18 | MAPt | Y | 178° 187.5°T | 11.4 | | | |
| | 040 | TF | DIRGU | MAHF | Y | | | | A2500 | |

| EFKE RNAV (GNSS) RWY 18 | | | | | | | | | | |
|--------------------------|--------|-----|-------|--------|---------|-----------------|---------|-------------------|-------------|-------|
| PROC ID NAV SPEC | SEQ NR | P/T | WPT | | | MAG GEO TR | DIST NM | Turn Direction | Constraints | |
| | | | ID | Type | Flyover | | | | LVL | Speed |
| R18 LEGVU RNP APCH | 010 | IF | LEGVU | IAF/IF | - | 178° 187.6°T | 4.9 | | A2500+ | |
| | 020 | TF | TOTMO | FAF | - | 178° 187.5°T | 5.1 | | A2000+ | |
| | 030 | TF | RW18 | MAPt | Y | 178° 187.5°T | 11.4 | | | |
| | 040 | TF | DIRGU | MAHF | Y | | | | A2500 | |

| EFKE RNAV (GNSS) RWY 18 | | | | | | | | | | |
|--------------------------|--------|-----|-------|------|---------|-----------------|---------|-------------------|-------------|-------|
| PROC ID NAV SPEC | SEQ NR | P/T | WPT | | | MAG GEO TR | DIST NM | Turn Direction | Constraints | |
| | | | ID | Type | Flyover | | | | LVL | Speed |
| R18 XULBI RNP APCH | 005 | IF | XULBI | IAF | - | 087° 097.4°T | 5.0 | R | A2500+ | K240- |
| | 010 | TF | LEGVU | IF | - | 178° 187.6°T | 4.9 | | A2500+ | |
| | 020 | TF | TOTMO | FAF | - | 178° 187.5°T | 5.1 | | A2000+ | |
| | 030 | TF | RW18 | MAPt | Y | 178° 187.5°T | 11.4 | | | |
| | 040 | TF | DIRGU | MAHF | Y | | | | A2500 | |

| RNAV Holdings | | | | | | | |
|---------------|---------|----------|----------------|---------|--------------|-------|---------|
| ID | INBD TR | INBD MAG | Turn Direction | MAX IAS | MNM HLDG LVL | TIME | DIST NM |
| LEGVU | 187.5°T | 178° | Right | 230 KT | A2500 | 1 MIN | - |
| DIRGU | 007.5°T | 358° | Left | 230 KT | A2500 | 1 MIN | - |

| WPT COORD |
|---------------------------|
| SEE PAGE EFKE AD 2.15 - 1 |

| FINAL APPROACH PARAMETERS | | | |
|---------------------------|-----------|-------|-------|
| LNAV Gradient | Baro-VNAV | | TCH |
| | VPA | MNM T | |
| 6.11 % (3.50°) | 3.50° | -20°C | 59 FT |