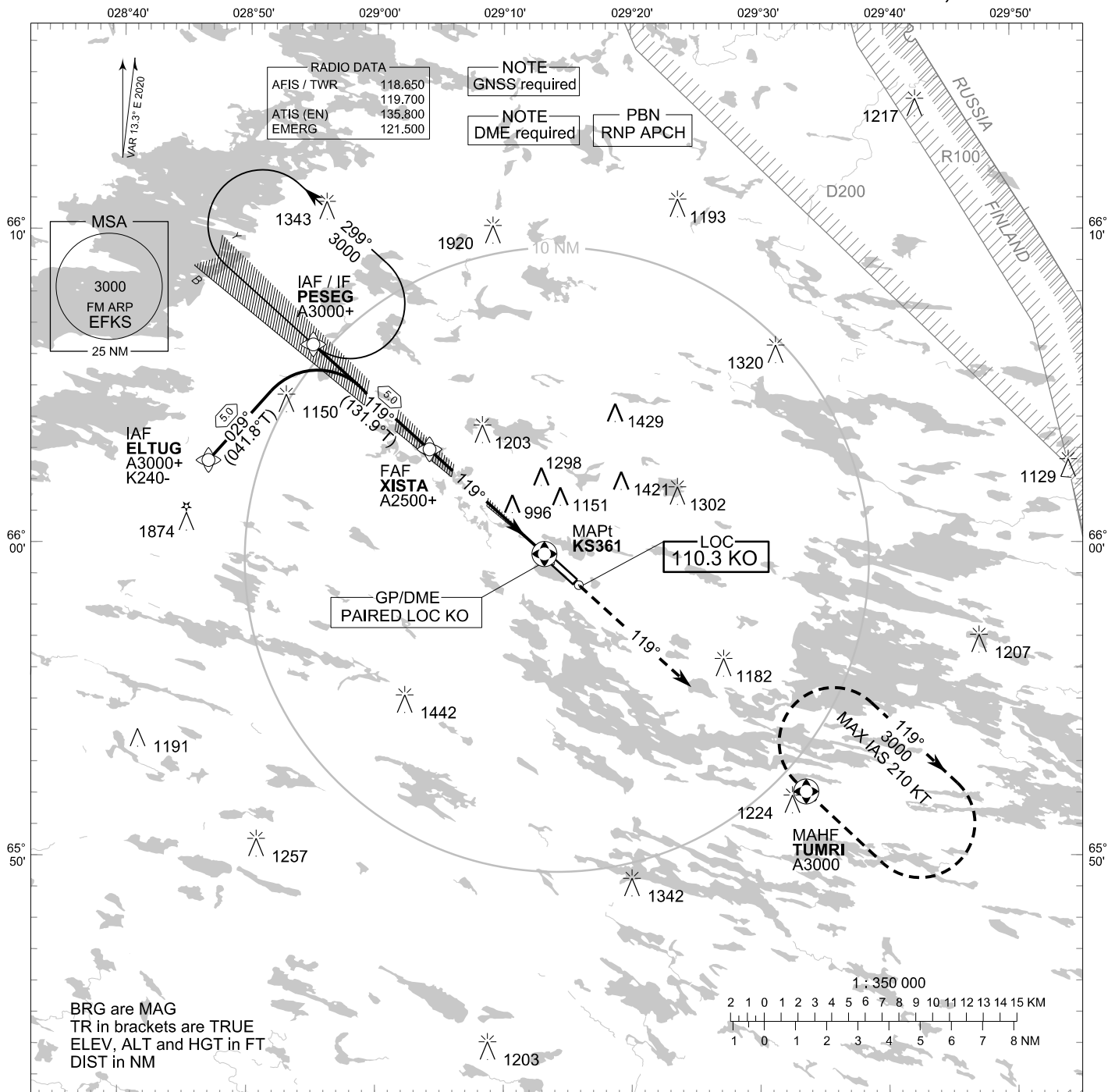


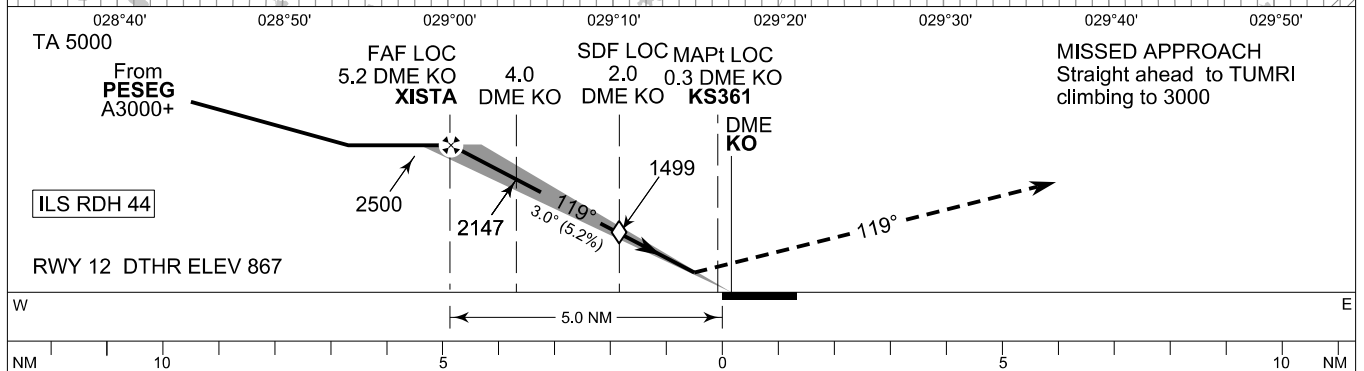
**INSTRUMENT
APPROACH CHART - ICAO**

ELEV 868 FT
HEIGHTS RELATED TO
DTHR RWY 12 ELEV 867 FT

ILS or LOC RWY 12
KUUSAMO AERODROME
KUUSAMO, FINLAND



CHG: COR MAG DIR



| OCA (H) | A | B | C | D |
|-------------|------------|------------|------------|------------|
| ILS CAT I | 1031 (164) | 1040 (173) | 1049 (182) | 1059 (192) |
| LOC | 1250 (380) | | | |
| LOC W/O SDF | 1500 (630) | | | |
| Circling | 1450 (580) | 1600 (730) | 1820 (950) | 1830 (960) |

| | kt | 90 | 100 | 120 | 140 | 160 |
|-------------------|---------|------|------|------|------|------|
| FAF - MAPt 4.9 NM | min:sec | 3:15 | 2:55 | 2:26 | 2:05 | 1:50 |
| Rate of descent | ft/min | 480 | 530 | 640 | 740 | 850 |

Timing not authorized for defining the MAPt

| EFKS ILS or LOC RWY 12 | | | | | | | | | | |
|--------------------------|--------|-----|-------|-------------|---------|---------------|---------|-------------------|-------------|-------|
| PROC ID NAV SPEC | SEQ NR | P/T | WPT | | | MAG GEO TR | DIST NM | Turn Direction | Constraints | |
| | | | ID | Type | Flyover | | | | LVL | Speed |
| I12 PESEG RNP APCH | 010 | IF | PESEG | IAF/IF | - | 119° | 5.0 | | A3000+ | |
| | 020 | TF | XISTA | FAF LOC | - | 131.9°T | | | A2500+ | |
| | 030 | TF | KS361 | MAPt LOC | Y | 119° | - | | | |
| | 040 | CA | - | - | - | 132.3°T | | | A1300+ | |
| | 050 | DF | TUMRI | MAHF | Y | - | - | | A3000 | |
| | | | | | | | | | | |

| EFKS ILS or LOC RWY 12 | | | | | | | | | | |
|--------------------------|--------|-----|-------|-------------|---------|-----------------|---------|-------------------|-------------|-------|
| PROC ID NAV SPEC | SEQ NR | P/T | WPT | | | MAG GEO TR | DIST NM | Turn Direction | Constraints | |
| | | | ID | Type | Flyover | | | | LVL | Speed |
| I12 ELTUG RNP APCH | 005 | IF | ELTUG | IAF | - | 029° | 5.0 | R | A3000+ | K240- |
| | 010 | TF | PESEG | IF | - | 041.8°T | | | A3000+ | |
| | 020 | TF | XISTA | FAF LOC | - | 119° 131.9°T | 5.0 | | A2500+ | |
| | 030 | TF | KS361 | MAPt LOC | Y | 119° | - | | | |
| | 040 | CA | - | - | - | 132.3°T | | | A1300+ | |
| | 050 | DF | TUMRI | MAHF | Y | - | - | | A3000 | |
| | | | | | | | | | | |

| RNAV Holdings | | | | | | | |
|---------------|---------|----------|----------------|---------|--------------|-------|---------|
| ID | INBD TR | INBD MAG | Turn Direction | MAX IAS | MNM HLDG LVL | TIME | DIST NM |
| PESEG | 132.2°T | 119° | Left | 230 KT | A3000 | 1 MIN | - |
| TUMRI | 312.2°T | 299° | Right | 210 KT | A3000 | 1 MIN | - |

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

| FINAL APPROACH PARAMETERS | | | |
|---------------------------|-----|-------|-------|
| LOC Gradient | ILS | | RDH |
| | CAT | GPA | |
| 5.24 % (3.00°) | I | 3.00° | 44 FT |