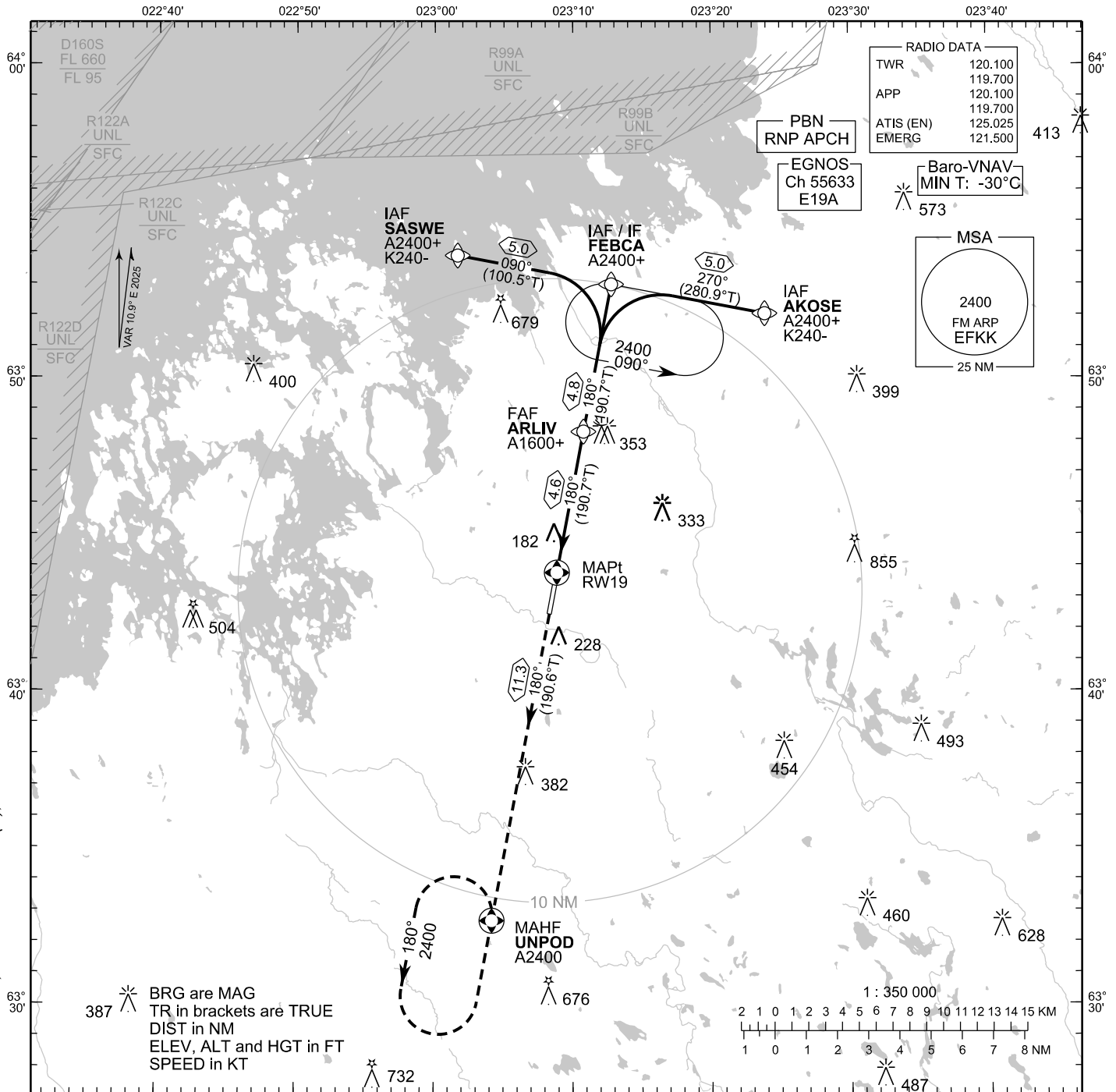


**INSTRUMENT  
APPROACH CHART - ICAO**

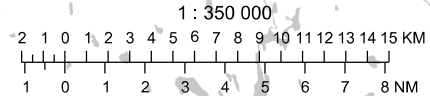
ELEV 85 FT  
HEIGHTS RELATED TO  
THR RWY 19 ELEV 83 FT

**RNP RWY 19  
KOKKOLA-PIETARSAARI AERODROME  
KOKKOLA-PIETARSAARI, FINLAND**

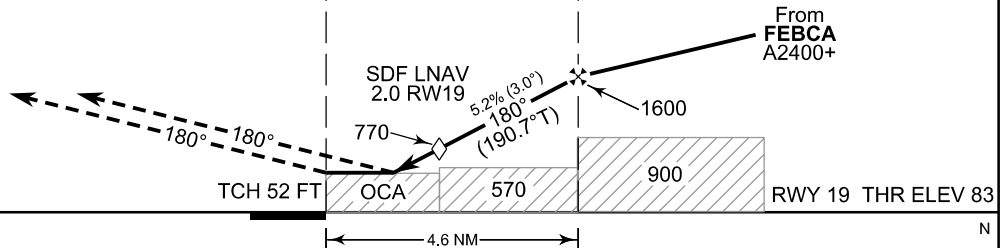
CHG: MAG VAR, MHA, MSA, Baro-VNAV MIN T, LNAV/VNAV OCA (H), IAF, ADDN MOCA



387 ✈ BRG are MAG  
TR in brackets are TRUE  
DIST in NM  
ELEV, ALT and HGT in FT  
SPEED in KT



**MISSED APPROACH**  
Proceed FM RW19 to UNPOD  
climbing to 2400



| OCA (H)     | A         | B         | C         | D         |
|-------------|-----------|-----------|-----------|-----------|
| LPV         | 286 (203) | 298 (215) | 306 (223) | 317 (234) |
| LNAV / VNAV | 322 (239) | 334 (251) | 342 (259) | 353 (270) |
| LNAV        | 430 (350) |           |           |           |
| Circling    | 530 (440) | 580 (500) | 730 (650) | 780 (690) |

| DIST FM THR       | 1.0 NM    | 2.0 NM    | 3.0 NM      | 4.0 NM      |      |      |
|-------------------|-----------|-----------|-------------|-------------|------|------|
| Altitude (Height) | 450 (370) | 770 (690) | 1090 (1010) | 1410 (1330) |      |      |
|                   | kt        | 90        | 100         | 120         | 140  | 160  |
| FAF - MAPt 4.6 NM | min:sec   | 3:04      | 2:46        | 2:18        | 1:58 | 1:43 |
| Rate of descent   | ft/min    | 480       | 530         | 640         | 740  | 850  |

Timing not authorized for defining the MAPt

| EFKK RNP RWY 19          |        |     |       |      |         |      |         |         |             |       |
|--------------------------|--------|-----|-------|------|---------|------|---------|---------|-------------|-------|
| PROC ID<br>NAV SPEC      | SEQ NR | P/T | WPT   |      |         | MAG  | GEO TR  | DIST NM | Constraints |       |
|                          |        |     | ID    | Type | Flyover |      |         |         | LVL         | Speed |
| H19<br>AKOSE<br>RNP APCH | 005    | IF  | AKOSE | IAF  | -       |      |         |         | A2400+      | K240- |
|                          | 010    | TF  | FEBCA | IF   | -       | 270° | 280.9°T | 5.0     | A2400+      |       |
|                          | 020    | TF  | ARLIV | FAF  | -       | 180° | 190.7°T | 4.8     | A1600+      |       |
|                          | 030    | TF  | RW19  | MAPt | Y       | 180° | 190.7°T | 4.6     |             |       |
|                          | 040    | TF  | UNPOD | MAHF | Y       | 180° | 190.6°T | 11.3    | A2400       |       |

| EFKK RNP RWY 19          |        |     |       |        |         |      |         |         |             |       |
|--------------------------|--------|-----|-------|--------|---------|------|---------|---------|-------------|-------|
| PROC ID<br>NAV SPEC      | SEQ NR | P/T | WPT   |        |         | MAG  | GEO TR  | DIST NM | Constraints |       |
|                          |        |     | ID    | Type   | Flyover |      |         |         | LVL         | Speed |
| H19<br>FEBCA<br>RNP APCH | 010    | IF  | FEBCA | IAF/IF | -       |      |         |         | A2400+      |       |
|                          | 020    | TF  | ARLIV | FAF    | -       | 180° | 190.7°T | 4.8     | A1600+      |       |
|                          | 030    | TF  | RW19  | MAPt   | Y       | 180° | 190.7°T | 4.6     |             |       |
|                          | 040    | TF  | UNPOD | MAHF   | Y       | 180° | 190.6°T | 11.3    | A2400       |       |

| EFKK RNP RWY 19          |        |     |       |      |         |      |         |         |             |       |
|--------------------------|--------|-----|-------|------|---------|------|---------|---------|-------------|-------|
| PROC ID<br>NAV SPEC      | SEQ NR | P/T | WPT   |      |         | MAG  | GEO TR  | DIST NM | Constraints |       |
|                          |        |     | ID    | Type | Flyover |      |         |         | LVL         | Speed |
| H19<br>SASWE<br>RNP APCH | 005    | IF  | SASWE | IAF  | -       |      |         |         | A2400+      | K240- |
|                          | 010    | TF  | FEBCA | IF   | -       | 090° | 100.5°T | 5.0     | A2400+      |       |
|                          | 020    | TF  | ARLIV | FAF  | -       | 180° | 190.7°T | 4.8     | A1600+      |       |
|                          | 030    | TF  | RW19  | MAPt | Y       | 180° | 190.7°T | 4.6     |             |       |
|                          | 040    | TF  | UNPOD | MAHF | Y       | 180° | 190.6°T | 11.3    | A2400       |       |

| RNAV Holdings |         |          |                |       |              |       |         |
|---------------|---------|----------|----------------|-------|--------------|-------|---------|
| ID            | INBD TR | INBD MAG | Turn Direction | Speed | MNM HLDG LVL | TIME  | DIST NM |
| FEBCA         | 280.9°T | 270°     | Left           | K230- | A2400        | 1 MIN | -       |
| UNPOD         | 010.6°T | 000°     | Left           | K230- | A2400        | 1 MIN | -       |

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

| FINAL APPROACH PARAMETERS |           |       |       |
|---------------------------|-----------|-------|-------|
| LNAV Gradient             | Baro-VNAV |       | TCH   |
|                           | VPA       | MNM T |       |
| 5.24 % (3.00°)            | 3.00°     | -30°C | 52 FT |

| SBAS DATA        |                      |
|------------------|----------------------|
| Approach ID      | E19A                 |
| Service Provider | EGNOS                |
| CRC remainder    | E2 0F 4C D3          |
| Channel number   | 55633                |
| Data Block       | SEE EFKK AD 2.15 - 3 |