

|  |                        |   |
|--|------------------------|---|
| WAAS<br>CH <b>40104</b><br><b>W16A</b> | APP CRS<br><b>169°</b> | Rwy Idg<br>TDZE <b>1319</b><br>Apt Elev <b>1319</b> |
|--|------------------------|---|

RNAV (GPS) RWY 16

ESTHERVILLE MUNI (EST)

RNP APCH.

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Circling NA to Rwy 6 and 24. Baro-VNAV and VDP NA when using Jackson altimeter setting. For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -17°C or above 54°C. When local altimeter setting not received, use Jackson altimeter setting and increase all DA/MDA 60 feet.

MISSED APPROACH: Climb to 3400 direct OHYEQ and hold.

|                        |   |                                 |
|------------------------|---|---------------------------------|
| ASOS<br><b>121.425</b> | MINNEAPOLIS CENTER<br><b>127.75 257.7</b> | UNICOM<br><b>122.8 (CTAF) 0</b> |
|------------------------|---|---------------------------------|

The main chart displays the RNAV (GPS) RWY 16 approach. Key features include:

- Initial Approach:** 30 NM to UYJOR (NoPT) at 3400 ft, 078° to 259°.
- Intermediate Approach:** 5 NM to UYJOR (IF/IAF) at 3400 ft, 169° to 349°.
- Final Approach:** 1.6 NM to RWY 16 at 2900 ft, 169° to 349°.
- Altitudes:** 6000 ft (HOLD), 3400 ft (Initial), 2900 ft (Final), 1720 ft (MDA), 1319 ft (Elev).
- Navigation Aids:** WAAS CH 40104 W16A, APP CRS 169°.
- Obstacles:** A1985, A1844, A1705, A1729, A1521±.
- MISSED APPROACH:** OHYEQ at 3400 ft, 169° to 349°.

REIL Rwy 16 and 34 0  
MRL Rwy 16-34 0

The inset chart shows the REIL and MRL for Rwy 16-34. Key features include:

- REIL:** 91 ft to RWY 16, 169° to RWY 16.
- MRL:** 2989 x 90 ft, 2989 x 90 ft.
- Altitudes:** 1319 ft (Elev), 1319 ft (TDZE).

|                            |                        |                        |    |  |  |                    |       |  |  |  |  |  |
|----------------------------|------------------------|------------------------|----|--|--|--------------------|-------|--|--|--|--|--|
| 5 NM Holding Pattern UYJOR |                        |                        |    | VGSi and RNAV glidepath not coincident (VGSi Angle 3.00/TCH 39). |  | 3400               | OHYEQ |  |  |  |  |  |
| 6000 ← 349°<br>3400 ← 169° |                        |                        |    | 2900   |  | * 1.1 NM to RWY 16 |       |  |  |  |  |  |
| GP 3.00°<br>TCH 30         |                        |                        |    | 2900   |  | RWY 16             |       |  |  |  |  |  |
|                            |                        |                        |    | 6.1 NM   |  | 3.7 NM             |       |  |  |  |  |  |
|                            |                        |                        |    |  |  | 1.1 NM             |       |  |  |  |  |  |
| CATEGORY                   | A                      | B                      | C  | D  |  |                    |       |  |  |  |  |  |
| LPV DA                     | 1 569-1                | 250 (300-1)            | NA |  |  |                    |       |  |  |  |  |  |
| LNAV/VNAV DA               | 1 608-1                | 289 (300-1)            | NA |  |  |                    |       |  |  |  |  |  |
| LNAV MDA                   | 1 720-1                | 401 (500-1)            | NA |  |  |                    |       |  |  |  |  |  |
| CIRCLING                   | 1 720-1<br>401 (500-1) | 1 840-1<br>521 (600-1) | NA |  |  |                    |       |  |  |  |  |  |

ESTHERVILLE, IOWA  
Amdt 1B 06DEC18

43°24'N-94°45'W

ESTHERVILLE MUNI (EST)

RNAV (GPS) RWY 16

NC-3, 03 DEC 2020 to 31 DEC 2020

NC-3, 03 DEC 2020 to 31 DEC 2020