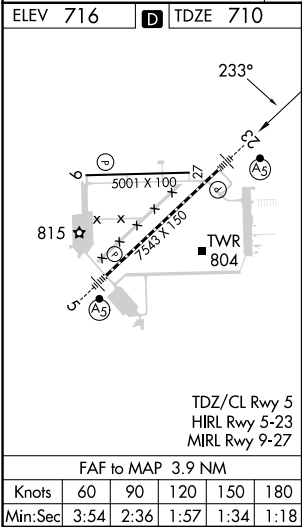
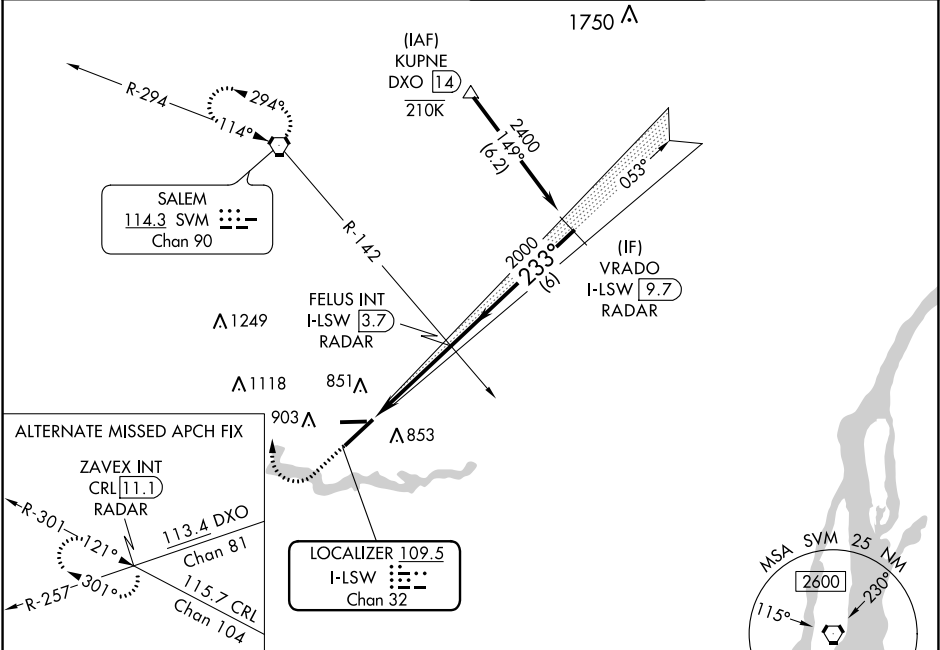


|               |         |          |      |
|---------------|---------|----------|------|
| LOC/DME I-LSW | APP CRS | Rwy Idg  | 7543 |
| 109.5         | 233°    | TDZE     | 710  |
| Chan 32       |         | Apt Elev | 716  |

ILS or LOC RWY 23  
WILLOW RUN (YIP)

|                                                                                 |                                 |                                   |                                                                                   |                                                                                             |
|---------------------------------------------------------------------------------|---------------------------------|-----------------------------------|-----------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------|
| RNP APCH-GPS from KUPNE. RADAR or GPS required.                                 |                                 |                                   | MALSR                                                                             | MISSED APPROACH: Climb to 1400 then climbing right turn to 3000 direct SVM VORTAC and hold. |
|  |                                 |                                   |  |                                                                                             |
| ATIS<br>127.425                                                                 | DETROIT APP CON<br>118.95 284.0 | WILLOW RUN TOWER<br>125.275 256.9 |                                                                                   | GND CON<br>119.975                                                                          |



|                                                                                     |  |                                 |  |                                                                                            |  |                                                                                    |  |                 |  |
|-------------------------------------------------------------------------------------|--|---------------------------------|--|--------------------------------------------------------------------------------------------|--|------------------------------------------------------------------------------------|--|-----------------|--|
| 1400<br>↑                                                                           |  | 3000<br>↗                       |  | SVM<br> |  |  |  |                 |  |
|                                                                                     |  | I-LSW<br>1<br>I-LSW DME ANTENNA |  | FELUS INT<br>I-LSW 3.7<br>RADAR                                                            |  | VRADO<br>I-LSW 9.7<br>RADAR                                                        |  |                 |  |
|  |  | 2000                            |  | 233°                                                                                       |  | 2400                                                                               |  |                 |  |
|                                                                                     |  | 2000                            |  | GS 3.00°<br>TCH 57                                                                         |  |                                                                                    |  |                 |  |
| CATEGORY                                                                            |  | A                               |  | B                                                                                          |  | C                                                                                  |  | D               |  |
| S-ILS 23                                                                            |  |                                 |  | 910-1/2                                                                                    |  | 200 (200-1/2)                                                                      |  |                 |  |
| S-LOC 23                                                                            |  | 1140-1/2                        |  | 430 (500-1/2)                                                                              |  | 1140-3/4                                                                           |  | 430 (500-3/4)   |  |
| CIRCLING                                                                            |  | 1220-1                          |  | 504 (600-1)                                                                                |  | 1220-1 1/2                                                                         |  | 1400-2 1/4      |  |
|                                                                                     |  |                                 |  |                                                                                            |  | 504 (600-1 1/2)                                                                    |  | 684 (700-2 1/4) |  |