

**FEDERAL AVIATION ADMINISTRATION  
FLIGHT STANDARDS SERVICE  
ILS STANDARD INSTRUMENT APPROACH PROCEDURE  
TITLE 14 CFR PART 97.29**

Bearings, headings, courses, tracks and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated.  
Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or feet RVR.

|                                 |                                             |                                                 |                                           |                            |                      |                           |
|---------------------------------|---------------------------------------------|-------------------------------------------------|-------------------------------------------|----------------------------|----------------------|---------------------------|
| <u>AIRPORT ID</u><br>KFWS       | <u>PROCEDURE NAME</u><br>ILS OR LOC RWY 36L | <u>ORIGINAL/AMENDMENT</u><br>2D                 | <u>CITY</u><br>FORT WORTH                 | <u>STATE</u><br>TX         |                      |                           |
| <u>AIRPORT ELEVATION</u><br>700 | <u>TDZE</u><br>697                          | <u>SUPERSEDED</u><br>ILS OR LOC RWY 35L         | <u>ORIGINAL/AMENDMENT</u><br>2C           | <u>DATED</u><br>10/07/2021 | <u>MAG VAR</u><br>3E | <u>EPOCH YEAR</u><br>2025 |
| <u>FACILITY</u><br>I-JZW        | <u>COORDINATES OF FACILITIES</u>            | <u>ACTUAL EFFECTIVE DATE</u><br>27 JANUARY 2022 | <u>REQUIRED EFFECTIVE DATE</u><br>ROUTINE | <u>CANCEL/SUSPEND</u>      |                      |                           |

**TERMINAL ROUTES**

| <u>FROM</u> | <u>FIX TYPE</u> | <u>TO</u>      | <u>FIX TYPE</u> | <u>LEG TYPE</u> | <u>FO/FB</u> | <u>RNP</u> | <u>COURSE</u> | <u>DISTANCE</u> | <u>ALTITUDE</u> |
|-------------|-----------------|----------------|-----------------|-----------------|--------------|------------|---------------|-----------------|-----------------|
| LEEON/RADAR | IF              | MIKKL OM/RADAR |                 |                 |              |            | 357.11        | 5.14 (I-JZW)    | 2300            |

**MISSED APPROACH**

**MAP:**

ILS: DA  
LOC: 4.76 NM AFTER MIKKL OM/RADAR

**MISSED APPROACH INSTRUCTIONS:**

CLIMB TO 1800 THEN CLIMBING LEFT TURN TO 3100 ON HEADING 269 AND FUZ VORTAC R-222 TO SLUGG INT/FUZ 37.50 DME AND HOLD.

**ALTERNATE MISSED APPROACH INSTRUCTIONS (DO NOT CHART):**

CLIMB TO 1800 THEN CLIMBING RIGHT TURN TO 3000 ON HEADING 144 AND ACT VORTAC R-357 TO NELYN/ACT 37.53 DME AND HOLD (DME REQUIRED).

**PROFILE:**

|                            |                                       |                     |                       |           |                        |     |
|----------------------------|---------------------------------------|---------------------|-----------------------|-----------|------------------------|-----|
| 1. PT                      | SIDE OF COURSE                        | OUTBOUND            | FT WITHIN             | MILES OF  | (IAF)                  |     |
| 2. PROFILE STARTS AT LEEON |                                       |                     |                       |           |                        |     |
| 3. FAC:                    | 357.11                                | FAF: MIKKL OM/RADAR | DIST FAF TO MAP: 4.76 |           | DIST FAF TO THLD: 4.76 |     |
| 4. MIN ALT:                | LEEON/RADAR 2300, MIKKL OM/RADAR 2300 |                     |                       |           |                        |     |
| 5. DIST TO THLD FROM OM:   | 4.76                                  | MM:                 | IM:                   | 150 HAT:  | GS ANT: 900            |     |
| 6. MIN GS INCPT:           | 2300                                  | GS ALT AT FAF :     |                       | OM: 2278  | MM:                    | IM: |
| 7. GP ANGLE:               | 3.00                                  | 34:1:               | 20:1:                 | TCH: 50.3 |                        |     |
| 8. MSA FROM:               | FUZ VORTAC 3600                       |                     |                       |           |                        |     |

**EQUIPMENT REQUIREMENTS NOTES:**

RADAR REQUIRED FOR PROCEDURE ENTRY.

**NOTES:**

CHART NOTE: CIRCLING NA W OF RWY 18R-36L.  
CHART NOTE: FOR INOPERATIVE ALS INCREASE S-LOC 36L CAT C/D VISIBILITY TO 1 3/4 SM.



**ADDITIONAL FLIGHT DATA:**

HOLD NE, RT, 221.97 INBOUND.  
CHART IN PLANVIEW: ALTERNATE MA HOLDING, HOLD N NELYN/ACT 37.53 DME, LT, 177.47 INBOUND.  
FAS OBST: 1069 AAO 322825N/0971911W.  
CHART IN PLANVIEW: NELYN/ACT 37.53 DME.

**MINIMUMS:**

TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT

**ALTERNATE:** NA ☒

| CATEGORY:  | A      |     |         | B      |     |         | C      |       |         | D      |       |         | E      |     |         |
|------------|--------|-----|---------|--------|-----|---------|--------|-------|---------|--------|-------|---------|--------|-----|---------|
| FINAL TYPE | DA/MDA | VIS | HAT/HAA | DA/MDA | VIS | HAT/HAA | DA/MDA | VIS   | HAT/HAA | DA/MDA | VIS   | HAT/HAA | DA/MDA | VIS | HAT/HAA |
| S-ILS 36L  | 897    | 1/2 | 200     | 897    | 1/2 | 200     | 897    | 1/2   | 200     | 897    | 1/2   | 200     |        |     |         |
| S-LOC 36L  | 1320   | 1/2 | 623     | 1320   | 1/2 | 623     | 1320   | 1 3/8 | 623     | 1320   | 1 3/8 | 623     |        |     |         |
| CIRCLING   | 1320   | 1   | 620     | 1320   | 1   | 620     | 1340   | 1 3/4 | 640     | 1340   | 2     | 640     |        |     |         |

**CHANGES - REASONS**

1. ALL CHANGES FROM AMENDMENT 2C HAVE BEEN INCORPORATED INTO THIS PROCEDURE. - 8260.19I 8-3-4-C(1).
2. PROCEDURE HEADING: CHANGED I-JZW MAGVAR FROM 7E TO 3E. - MAGVAR UPDATED WITHIN TOLERANCE.
3. PROCEDURE HEADING: CHANGED PROCEDURE NAME RWY FROM 35L TO 36L. - MAGVAR UPDATED FROM 7E TO 3E AND RUNWAY NUMBERS CHANGED.
4. WHOLE PROCEDURE: ALL COURSES INCREASED BY 4 IN TERMINAL ROUTES AND PROFILE LINE 3 FAC. - MAGVAR UPDATED FROM 7E TO 3E.
5. WHOLE PROCEDURE: RWY DESCRIPTION CHANGED FROM 35L TO 36L IN NOTES AND MINIMUMS. - MAGVAR UPDATED FROM 7E TO 3E AND RUNWAY NUMBERS CHANGED.
6. MISSED APPROACH INST: CHANGED HEADING FROM 265 TO 269. - MAGVAR UPDATED FROM 7E TO 3E.
7. ALT MISSED APPROACH INST: CHANGED HEADING FROM 140 TO 144 AND CHANGED NELYN DME DESCRIPTION FROM 37.50 TO 37.53. - MAGVAR UPDATED FROM 7E TO 3E AND VORTAC AIRNAV DATA CHANGED 10/20/2011.
8. ADDITIONAL FLIGHT DATA: ADDED 1069 AAO AS FAS OBST AND CHANGED ALT MA HOLD NELYN DME DESCRIPTION FROM 37.50 TO 37.53. - IAW 8260.19I 8-6-10 AND ACT VORTAC AIRNAV DATA CHANGED 10/20/2011.

**COORDINATED WITH:**

**A4A** ☐ **ALPA** ☒ **AOPA** ☒ **APA** ☐ **HAI** ☐ **NBAA** ☒ **OTHER:** FWS ATCT, ZFW, AMGR, ST. AVIATION DIR., REGIONAL APP CON

**FLIGHT CHECKED BY**

PROCESSED IAW TECHNICAL SUPPORT GROUP (AJF-17) MEMO DATED 07/07/2021, SUBJECT:  
GUIDANCE FOR PROCEDURAL CHANGES REQUIRING FLIGHT INSPECTION/VALIDATION.

**OFFICE**

*Digitally signed by*

**DATE**

**JOHN BORDY**

Sep 23, 2021

**DEVELOPED BY**

JOHN BORDY (ANDRE TUCKER)

*Digitally signed by*

**JOHN BORDY**

Sep 23, 2021

*Digitally signed by*

**JOHN BORDY**

Sep 23, 2021

**OFFICE**

AJV-A422

**DATE**

09/07/2021

**APPROVED BY**

MARLON ROBINSON

**OFFICE**

AJV-A420

**DATE**

**TITLE**  
MANAGER