

**FEDERAL AVIATION ADMINISTRATION
FLIGHT STANDARDS SERVICE
RNAV (GPS) STANDARD INSTRUMENT APPROACH PROCEDURE
TITLE 14 CFR PART 97.33**

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> KDFW | <u>PROCEDURE NAME</u> RNAV (GPS) RWY 18L | <u>ORIGINAL/AMENDMENT</u> 1C | <u>CITY</u> DALLAS-FORT WORTH | <u>STATE</u> TX | | |
| <u>AIRPORT ELEVATION</u> 606 | <u>TDZE</u> 602 | <u>SUPERSEDED</u> RNAV (GPS) RWY 18L | <u>ORIGINAL/AMENDMENT</u> 1B | <u>DATED</u> 08/17/2017 | <u>MAG VAR</u> 4E | <u>EPOCH YEAR</u> 2015 |
| <u>FACILITY</u> RNAV | <u>COORDINATES OF FACILITIES</u> | <u>ACTUAL EFFECTIVE DATE</u> 22 APRIL 2021 | <u>REQUIRED EFFECTIVE DATE</u> CONCURRENT WITH KDFW ILS OR LOC RWY 18L AMDT 3 | <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> |
|--------------------|------------------------|------------------|------------------------|------------------------|---------------------|-------------------|----------------------|------------------------|------------------------|
| GRUCH | IF | ALIGN | | TF | FB | 1.00 | 176.25 | 3.15 | 3000 |
| ALIGN | | UDALL | | TF | FB | 1.00 | 176.25 | 6.29 | 3000 |
| UDALL | | JAYCI | | TF | FB | 1.00 | 176.25 | 2.34 | 2300 |
| JAYCI | FAF | RW18L | MAP | TF | FO | 0.30 | 176.25 | 5.16 | |
| RW18L | MAP | 1100 MSL | | CA | | | 176.25 | | 1100 |
| 1100 MSL | | LIKES | | DF | FO | 1.00 | | | 3000 |

MISSED APPROACH

MAP:

LPV: DA
LNAV/VNAV: DA
LNAV: RW18L

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 1100, THEN CLIMBING RIGHT TURN TO 3000 DIRECT LIKES AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS:



PROFILE:

1. PT

SIDE OF COURSE

OUTBOUND

FT WITHIN

MILES OF

(IAF)

2. PROFILE STARTS AT GRUCH

3. FAC:

176.25

FAF: JAYCI

DIST FAF TO MAP: 5.16

DIST FAF TO THLD: 5.16

4. MIN ALT: GRUCH 4000, ALIGN 3000, UDALL 3000, JAYCI 2300

5. DIST TO THLD FROM OM:

MM:

IM:

150 HAT:

200 HAT: 0.46

GS ANT:

6. MIN GP INCPT:

2300

GP ALT AT FAF :

JAYCI 2300

OM:

MM:

IM:

7. GP ANGLE:

3.00

34:1:

IS CLEAR

20:1:

IS CLEAR

TCH:

54.5

8. MSA FROM: RW18L 3600

PBN REQUIREMENTS NOTE:

RADAR REQUIRED FOR PROCEDURE ENTRY.
RNP APCH.

NOTES:

CHART NOTE: SIMULTANEOUS APPROACH AUTHORIZED WITH RWY 17L/C/R.
CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -4°C OR ABOVE 54°C.
CHART PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT (VGSI ANGLE {ANGLE}/TCH {FEET}).
CHART NOTE: LNAV PROCEDURE NA DURING SIMULTANEOUS OPERATIONS.
CHART NOTE: USE OF FD OR AP PROVIDING RNAV TRACK GUIDANCE REQUIRED DURING SIMULTANEOUS OPERATIONS.
CHART NOTE: FOR INOPERATIVE ALS, INCREASE LNAV/VNAV ALL CATS VISIBILITY TO RVR 6000 AND LNAV CATS C AND D VISIBILITY TO 1 3/4 SM.

ADDITIONAL FLIGHT DATA:

HOLD NE, RT, 223.97 INBOUND.
CHART FAS OBST: 938 TOWER 325903N/0970354W.
CHART VDP AT 1.72 NM TO RW18L*
*LNAV ONLY.
WAAS CHANNEL # 86807
REFERENCE PATH ID: W18A
LTP HAE: 156.1 M

MINIMUMS:

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

ALTERNATE: NA ☐ STANDARD

| 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 |
| LPV DA | 802 | 1800 | 200 | 802 | 1800 | 200 | 802 | 1800 | 200 | 802 | 1800 | 200 | | | |
| LNAV/VNAV DA | 1013 | 4000 | 411 | 1013 | 4000 | 411 | 1013 | 4000 | 411 | 1013 | 4000 | 411 | | | |
| LNAV MDA | 1220 | 2400 | 618 | 1220 | 2400 | 618 | 1220 | 1 3/8 | 618 | 1220 | 1 3/8 | 618 | | | |



CHANGES - REASONS

1. INCORPORATED ALL OF THE CHANGES IN AMENDMENT 1B.
2. RAISED LNAV/VNAV DA/HAT FROM 980/378 TO 1013/411. - NEW CONTROLLING OBSTACLE, 740 MSL TRANSMISSION LINE, AC 1A (48-173537).
3. CHANGED NOTE FROM: FOR INOPERATIVE MALSR, INCREASE LNAV CATS C AND D VISIBILITY TO 1 3/4. TO: FOR INOPERATIVE ALS, INCREASE LNAV/VNAV ALL CATS VISIBILITY TO RVR 6000 AND LNAV CATS C AND D VISIBILITY TO 1 3/4 SM. - NEW LNAV/VNAV VISIBILITY CALCULATIONS AND MATCHING WORDING TO FAAO 8260.19H CRITERIA.
4. DELETED DEGREES F FROM UNCOMPENSATED BARO-VNAV NOTE. - DEGREES F NO LONGER REQUIRED IAW FAAO 8260.19H PARAGRAPH 8-6-9S.
5. DELETED NOTE: DME/DME RNP-0.3 NA.AND ADDED EQUIPMENT REQUIREMENT NOTE RNP APCH. - FAAO 8260.19H PARAGRAPH 8-6-8.
6. UPDATED LTP AND FPAF COORDINATES AND CHANGED CRC REMAINDER FROM 3DCAB963 TO DFC434F3, ELLIPSOIDAL HEIGHT FROM 01562 TO 01561 AND LTP AND FPAP ORTHOMETRIC HEIGHT FROM 01834 TO 01833. - NEW DATA PULL AND LTP AND FPAP COORDINATES.
7. ADDED 20:1 IS CLEAR TO LINE 7 OF PROFILE VIEW. - 20:1 SURFACE IS CLEAR NOTE ADDED IAW FAAO 8260.19H PARAGRAPH 8-6-7G(3).
8. AIRPORT ELEVATION CHANGED FROM 607 TO 606. - NEW SURVEY.
9. CHANGED FAS OBSTACLE FROM 958 TOWER 325903N/0970355W TO 938 TOWER 325903N/0970354W. - NEW TARGETS RUN IDENTIFIED LNAV CONTROLLING OBSTACLE. MDA NOT EFFECTED.
10. UPDATED VGSI NOT COINCIDENT NOTE TO CURRENT FORMAT.- IAW FAAO 8260.19H PARAGRAPH 8-6-9 M(1).
11. CHANGED INTERMEDIATE SEGMENTS RNP FROM 0.5 TO 1.0 AND ADDED RNP 1.0 TO MISSED DF SEGMENT. 3.- 1.0 IS NOW THE STANDARD FOR INTERMEDIATE AND MISSED DF SEGMENTS.
12. CHANGED NAME OF FAF FROM HASTY TO JAYCI. - FIX NAME HASTY DUPLICATED IN EUROPE.
13. CHANGED PLANVIEW NOTE: RADAR REQUIRED TO PBN REQUIREMENTS NOTE: RADAR REQUIRED FOR PROCEDURE ENTRY. - ATC REQUEST AND IAW FAAO 8260.19L PARAGRAPH 8-6-8.

COORDINATED WITH:

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

FLIGHT CHECKED BY

PENDING

Digitally signed by
DONALD H LANIER
Mar 03, 2021

OFFICE**DATE****DEVELOPED BY**

LIAM DONAHUE

Digitally signed by
LIAM DONAHUE

Dec 10, 2020

OFFICE

AJV-A431

DATE

08/27/2020

APPROVED BY

LONNIE EVERHART

Digitally signed by
DONALD H LANIER
Mar 03, 2021

OFFICE

AJV-A430

DATE

TITLE
MANAGER



FAS DATA BLOCK INFORMATION

| <u>DATA FIELD</u> | <u>DATA</u> |
|--|---------------|
| OPERATION TYPE | 0 |
| SBAS SERVICE PROVIDER IDENTIFIER | 0 |
| AIRPORT IDENTIFIER | KDFW |
| RUNWAY | RW18L |
| APPROACH PERFORMANCE DESIGNATOR | 0 |
| ROUTE INDICATOR | |
| REFERENCE PATH DATA SELECTOR | 0 |
| REFERENCE PATH IDENTIFIER (APPROACH ID) | W18A |
| LTP/FTP LATITUDE | 325456.8785N |
| LTP/FTP LONGITUDE | 0970302.6510W |
| LTP/FTP ELLIPSOIDAL HEIGHT | +01561 |
| FPAP LATITUDE | 325244.2890N |
| FPAP LONGITUDE | 0970303.3330W |
| THRESHOLD CROSSING HEIGHT (TCH) | 00054.5 |
| TCH UNITS SELECTOR (METERS OR FEET USED) | F |
| GLIDEPATH ANGLE (GPA) | 03.00 |
| COURSE WIDTH AT THRESHOLD | 115.00 |
| LENGTH OFFSET | 0000 |
| HORIZONTAL ALERT LIMIT (HAL) | 40.0 |
| VERTICAL ALERT LIMIT (VAL) | 35.0 |
| CRC REMAINDER | DFC434F3 |

ADDITIONAL PATH POINT RECORD INFORMATION

| | |
|-------------------------|--------|
| ICAO CODE | K4 |
| LTP ORTHOMETRIC HEIGHT | +01833 |
| FPAP ORTHOMETRIC HEIGHT | +01833 |

