

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</u>	<u>AIRPORT ID</u>	<u>PROCEDURE NAME</u>	<u>ORIGINAL/AMENDMENT</u>	<u>CITY</u>	<u>STATE</u>	
DALLAS LOVE FIELD	KDAL	ILS Y OR LOC Y RWY 13L ILS Y RWY 13L SA CAT I, ILS Y RWY 13L SA CAT II	34	DALLAS	TX	
<u>AIRPORT ELEVATION</u>	<u>TDZE</u>	<u>SUPERSEDED</u>	<u>ORIGINAL/AMENDMENT</u>	<u>DATED</u>	<u>MAG VAR</u>	<u>EPOCH YEAR</u>
487	485	ILS Y OR LOC Y RWY 13L	33A	09/13/2018	3E	2020
<u>FACILITY</u>	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u>	<u>REQUIRED EFFECTIVE DATE</u>	<u>CANCEL/SUSPEND</u>		
I-DAL	325021.47N / 0965009.49W	15 AUGUST 2019	HARD			

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>
WADES INT/I-DAL 14.42 DME	IF	NNATE INT/I-DAL 5.69 DME					132.63	8.73 (I-DAL)	1900

MISSED APPROACH

MAP:

ILS: DA
LOC: 4.29 NM AFTER NNATE INT/I-DAL 5.69 DME OR AT I-DAL 1.40 DME

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 1000 THEN CLIMBING LEFT TURN TO 3000 ON HEADING 060 AND CVE VOR/DME R-087 TO SOLDI INT/CVE 28.92 DME AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS (DO NOT CHART):

CLIMB TO 1000 THEN CLIMBING LEFT TURN TO 3000 ON HEADING 060 AND TTT VOR/DME R-084 TO SOLDI INT/TTT 35.79 DME AND HOLD.

PROFILE:

1. PT	SIDE OF COURSE	OUTBOUND	FT WITHIN	MILES OF	(IAF)	
2. PROFILE STARTS AT WADES						
3. FAC:	132.63	FAF: NNATE INT/I-DAL 5.69 DME	DIST FAF TO MAP: 4.29	DIST FAF TO THLD: 4.29		
4. MIN ALT: WADES INT/I-DAL 14.42 DME 2500, NNATE INT/I-DAL 5.69 DME 1900, TSKED INT/I-DAL 2.80 DME 920*						
5. DIST TO THLD FROM OM:	MM:	IM:	100 HAT: 960	150 HAT: 1914	GS ANT: 1071	
6. MIN GS INCPT: 1900	GS ALT AT FAF : NNATE INT/I-DAL 5.69 DME 1900			OM:	MM:	IM:
7. GP ANGLE: 3.00	34:1:	20:1:	TCH: 55.0			
8. MSA FROM: CVE VOR/DME 090-270 3600, 270-090 2700						

EQUIPMENT REQUIREMENTS NOTES:

RADAR REQUIRED FOR PROCEDURE ENTRY.



NOTES:

SA CAT I ILS - SPECIAL AIRCREW AND AIRCRAFT CERTIFICATION REQUIRED; S-ILS 13L: CAT A, B, C, D RA 168, RVR 1400, HAT 150, DA 635 MSL.
SA CAT II ILS - SPECIAL AIRCREW AND AIRCRAFT CERTIFICATION REQUIRED; S-ILS 13L: CAT A, B, C, D RA 144, RVR 1200, HAT 100, DA 585 MSL.
CHART NOTE: SIMULTANEOUS APPROACH AUTHORIZED.
SA CAT I CHART NOTE: REQUIRES SPECIFIC OPSPEC, MSPEC, OR LOA APPROVAL AND USE OF HUD TO DH.
SA CAT II CHART NOTE: REDUCED LIGHTING: REQUIRES SPECIFIC OPSPEC, MSPEC, OR LOA APPROVAL AND USE OF AUTOLAND OR HUD TO TOUCHDOWN.

ADDITIONAL FLIGHT DATA:

CHART KDFW IN PLAN AND PROFILE VIEWS.
CHART CIRCLING ICON.
CHART IN PLANVIEW: SOLDI INT/TTT 35.79 DME
CHART VDP AT 2.29 DME*
DISTANCE VDP TO THLD 0.89 NM
* LOC ONLY
CHART FAS OBST: 562 ANTENNA 325157N/0965159W.
CHART: 666 TRANSMISSION LINE 325440N/0965441W.
CHART IN PLANVIEW: ALTERNATE MA HOLDING, HOLD W SOLDI INT/TTT 35.79 DME, RT, 084.18 INBOUND.
HOLD W, RT, 086.82 INBOUND

MINIMUMS:

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

ALTERNATE: NA ☐ ILS: STANDARD; LOC: STANDARD - CAT D 1100-3

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 13L	685	1800	200	685	1800	200	685	1800	200	685	1800	200			
S-LOC 13L	920	2400	435	920	2400	435	920	4000	435	920	4000	435			
CIRCLING	1000	1	513	1140	1	653	1220	2	733	1520	3	1033			
TSKED FIX MINIMUMS (DUAL VOR RECEIVERS OR DME REQUIRED)															
S-LOC 13L	820	2400	335	820	2400	335	820	2600	335	820	2600	335			
CIRCLING	1000	1	513	1140	1	653	1220	2	733	1520	3	1033			



CHANGES - REASONS

- 1. CHANGED PFAF NAME FROM NITER TO NNATE PER FPT REQUEST, AND MOVED PFAF 271.67 FEET SOUTHEAST TO NEW LOCATION BASED ON DESIGN TCH 55.0 FT FOR ILS; CHANGED TCH FROM 40 FT TO 55 FT PER MEMO 272 FOR DESIGN TCH.
 - 2. ADDED SA CAT I & II MINIMUMS AND ASSOCIATED NOTES PER FPT REQUEST.
 - 3. REMOVED EQUIPMENT REQUIREMENT NOTE: DME REQUIRED. ALL FIXES CAN BE FORMED BY INTERSECTION; MISSED APPROACH POINT CAN BE TIMED.
 - 4. CHANGED TERMINAL ROUTE FROM WADES (IF) TO NNATE (PFAF) DISTANCE FROM 8.69 NM TO 8.73 NM.
 - 5. ADDED LOC STEPDOWN FIX (TSKED) FOR LOWER MDA.
 - 6. CHANGED DIST FAF TO MAP AND DIST FAF TO THLD FROM 4.33 TO 4.29.
 - 7. MOVED VDP FROM 2.65 DME TO 2.29 DME DUE TO LOWER MDA.
 - 8. IN ADDITIONAL FLIGHT DATA, ADDED CHART: 666 T-L LINE 325440N/0965441W; 8260.3D 2-9-10 (7:1) APPLIED AT FAF.
 - 9. CHANGED PRIMARY MISSED APPROACH FROM "CLIMB TO 1000 THEN CLIMBING LEFT TURN TO 3000 ON HEADING 100 AND CVE VOR/DME R-118 TO DUMPY/CVE 24.36 DME AND HOLD" TO "CLIMB TO 1000 THEN CLIMBING LEFT TURN TO 3000 ON HEADING 060 AND CVE VOR/DME R-087 TO SOLDI INT/CVE 28.92 DME AND HOLD". AFTER ADDING SA CAT I & II MINIMUMS, THE ALTERNATE MISSED APPROACH TO DUMPY HAD NUMEROUS PENETRATIONS. THE PRIMARY MISSED APPROACH WAS CHANGED TO MATCH THE ALTERNATE MISSED APPROACH.
 - 10. CHANGED ALTERNATE MISSED APPROACH FROM "CLIMB TO 3000 ON HEADING 130 AND TTT VOR/DME R-108 TO DUMPY/TTT 29.78 DME AND HOLD " TO "CLIMB TO 1000 THEN CLIMBING LEFT TURN TO 3000 ON HEADING 060 AND TTT VOR/DME R-084 TO SOLDI INT/TTT 35.79 DME AND HOLD W, RT, 084.18 INBOUND". AFTER ADDING SA CAT I & II MINIMUMS, THE ALTERNATE MISSED APPROACH TO DUMPY HAD NUMEROUS PENETRATIONS.
- COORDINATES OF FACILITIES:
GS: 325113.70N-0965114.95W (AIRNAV)
DME: 325026.05N-0965008.05W (AIRNAV)

06/04/2019: THIS IS AN UPDATED COPY OF THE FORM DEVELOPED ON 03/19/2019
CHANGED REQUIRED EFFECTIVE DATE FROM ROUTINE TO HARD AND ADDED PENDING TO FLIGHT CHECK SIGNATURE LINE.

COORDINATED WITH:

A4A ☒ **ALPA** ☒ **AOPA** ☒ **APA** ☒ **HAI** ☐ **NBAA** ☒ **OTHER:** ZFW, REGIONAL APP CON, DAL TOWER, AMGR, ATA

FLIGHT CHECKED BY		OFFICE	DATE		
PENDING					
DEVELOPED BY STEVEN M. BARNETT	<i>Digitally signed by</i> STEVEN M BARNETT Mar 19, 2019	OFFICE AJV-A422	DATE 12/13/2018		
APPROVED BY JULIE MORGAN	<i>Digitally signed by</i> CASIMIR L TABAKA Apr 09, 2019	OFFICE A42	DATE	TITLE MANAGER	

