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.

AIRPORT ID	PROCEDURE NAME	ORIGINAL/AMENDMENT	CITY	STATE
ADS	ILS OR LOC RWY 34	3E	DALLAS	TX

AIRPORT ELEVATION	TDZE	SUPERSEDED	ORIGINAL/AMENDMENT	DATED	MAG VAR	EPOCH YEAR
645	645	ILS OR LOC RWY 34	3D	09/07/2023	3E	2025

FACILITY	COORDINATES OF FACILITIES	ACTUAL EFFECTIVE DATE	REQUIRED EFFECTIVE DATE	CANCEL/SUSPEND
I-TBQ			ROUTINE	

TERMINAL ROUTES

FROM	FIX TYPE	TO	FIX TYPE	LEG TYPE	FO/FB	RNP	COURSE	DISTANCE	ALTITUDE
NRTHH INT/I-TBQ 11.38 DME/RADAR	IF	PORTR INT/I-TBQ 5.28 DME					336.77 (I-TBQ)	6.10	2000

MISSED APPROACH

MAP:

ILS: DA
LOC: 4.05 NM AFTER PORTR INT

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 1500 THEN CLIMBING RIGHT TURN TO 5000 ON HEADING 067 AND CVE VOR/DME R-046 TO FINGR/CVE 36.40 DME AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS (DO NOT CHART):

CLIMB TO 1500 THEN CLIMBING RIGHT TURN TO 5000 ON HEADING 067 AND TTT VOR/DME R-050 TO FINGR/TTT 42.74 DME AND HOLD.

PROFILE:

1. **PT** **SIDE OF COURSE** **OUTBOUND** **FT WITHIN** **MILES OF** (IAF)
2. PROFILE STARTS AT NRTHH INT/I-TBQ 11.38 DME/RADAR
3. **FAC:** 336.77 **FAF:** PORTR INT/I-TBQ 5.28 DME **DIST FAF TO MAP:** 4.05 **DIST FAF TO THLD:** 4.05
4. **MIN ALT:** NRTHH INT/I-TBQ 11.38 DME/RADAR 2500, PORTR INT/I-TBQ 5.28 DME 2000
5. **DIST TO THLD FROM OM:** **MM:** **IM:** **150 HAT:** **GS ANT:** 950
6. **MIN GS INCPT:** 2000 **GS ALT AT PFAF:** PORTR INT/I-TBQ 5.28 DME 2000 **OM:** **MM:** **IM:**
7. **GS ANGLE:** 3.00 **34:1:** **20:1:** **TCH:** 54.3
8. **MSA FROM:** CVE VOR/DME 160-260 3600, 260-160 2700

QUALITY 39 CHECKED

EQUIPMENT REQUIREMENTS NOTES:

RADAR REQUIRED FOR PROCEDURE ENTRY.
DME REQUIRED.

NOTES:

CHART NOTE: RWY 34 HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED.
CHART PROFILE NOTE: VGSI AND ILS GLIDEPATH NOT COINCIDENT (VGSI ANGLE {ANGLE}/TCH {FEET}).

ADDITIONAL FLIGHT DATA:

CHART IN PLANVIEW: ALTERNATE MA HOLDING, HOLD SW FINGR/TTT 42.74 DME, LT, 050.29 INBOUND.
CHART BYP 17.17 DME AT FINGR.
HOLD S, LT, 010.99 INBOUND.
CHART FAS OBST: 975 BUILDING (48-005219) 325541N/0964920W.
CHART VDP AT 2.91 DME.
DISTANCE VDP TO THLD 1.69 NM.

MINIMUMS:

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

ALTERNATE: NA ☐ ILS: STANDARD - NA WHEN CONTROL TOWER CLOSED., NA WHEN LOCAL WEATHER NOT AVAILABLE.; LOC: STANDARD - NA WHEN CONTROL TOWER CLOSED., NA WHEN LOCAL WEATHER NOT AVAILABLE.

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 34	895	3/4	250	895	3/4	250	895	3/4	250	895	3/4	250			
S-LOC 34	1240	1	595	1240	1	595	1240	1 3/4	595	1240	1 3/4	595			

CHANGES - REASONS

1. TERMINAL ROUTES: COURSE CHANGED FROM 336.79 (I-TBQ) TO 336.77 (I-TBQ). - 2025 WORLD MAGNETIC MODEL USED FOR EVALUATIONS
2. PROFILE LINE 3: FAC CHANGED FROM 336.79 TO 336.77. - PER UPDATED TARGETS CALCULATIONS
3. PROFILE LINE 4: MIN ALT CHANGED FROM NRTHH INT/RADAR 2500, PORTR INT 2000 TO NRTHH INT/I-TBQ 11.38 DME/RADAR 2500, PORTR INT/I-TBQ 5.28 DME 2000. - DME ANTENNA RELOCATED, FINAL FACILITY DME NOW UTILIZED
4. PROFILE LINE 6: GS ALT AT PFAF CHANGED FROM PORTR INT 2000 TO PORTR INT/I-TBQ 5.28 DME 2000. - DME ANTENNA RELOCATED, FINAL FACILITY DME NOW UTILIZED
5. ADDITIONAL FLIGHT DATA: ADDED CHART VDP AT 2.91 DME AND DISTANCE VDP TO THLD 1.69 NM. - 20:1 OIS IS CLEAR, FPT APPROVAL RECEIVED

AIRPORT ID	PROCEDURE NAME	ORIGINAL/AMENDMENT	CITY	STATE
ADS	ILS OR LOC RWY 34	3E	DALLAS	TX

COORDINATED WITH:

A4A ☐ **ALPA** ☒ **AOPA** ☒ **APA** ☐ **HAI** ☐ **NBAA** ☒ **OTHER:** ZFW, DFW ATCT, ADS ATCT, ST. SV. DIR., AMGR.

FLIGHT CHECKED BY		OFFICE	DATE
PROCESSED IAW TECHNICAL SUPPORT GROUP (AJF-17) MEMO DATED 07/07/2021 GUIDANCE FOR PROCEDURAL CHANGES REQUIRING FLIGHT INSPECTION/VALIDATION	*Digitally signed by* ***ROBERT G HAMILTON*** Jun 23, 2025		

DEVELOPED BY		OFFICE	DATE
BRYANT SMITH	*Digitally signed by* ***ROBERT G HAMILTON*** Jun 23, 2025	AJV-A431	02/06/2025

APPROVED BY		OFFICE	DATE	TITLE
ERIC N SUSKI	*Digitally signed by* ***ROBERT G HAMILTON*** Jun 23, 2025	AJV-A431	10/02/2025	MANAGER

QUALITY 39 CHECKED

FEDERAL AVIATION ADMINISTRATION
FLIGHT STANDARDS SERVICE
STANDARD INSTRUMENT APPROACH PROCEDURE DATA RECORD

AIRPORT ID	PROCEDURE NAME	AMDT NO.	CITY	STATE	AIRPORT ELEVATION	FACILITY
ADS	ILS OR LOC RWY 34	3E	DALLAS	TX	645	I-TBQ

PART A: OBSTRUCTION DATA SEGMENTS

INTERMEDIATE

FROM
NRTHH INT/I-TBQ 11.38 DME/RADAR

TO
PORTR INT/I-TBQ 5.28 DME

RNP	DISTANCE	PAT	MAP	HAT	HMAS
	6.10				

OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
BUILDING (48-004928)	324648.00N/0964814.00W	1368	50	3	2A	500				AT132	2000
TERRAIN	325251.00N/0964712.00W	646 (600)								AS1000	1600

COMPUTATIONS

ALT	KIAS	KTAS	HAA	VKTW	TR	BA	DTA	COURSE CHANGE	DVEB	VEB OCS	RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

FINAL: ILS

FROM
PORTR INT/I-TBQ 5.28 DME

TO
RW34

RNP	DISTANCE	PAT	MAP	HAT	HMAS
	4.05		DA	250	

OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
							ASC				895

COMPUTATIONS

ALT	KIAS	KTAS	HAA	VKTW	TR	BA	DTA	COURSE CHANGE	DVEB	VEB OCS	RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

250 HAT RETAINED TO PRESERVE PROCEDURE MINIMUMS.

AIRPORT ID	PROCEDURE NAME	AMDT NO.	CITY	STATE	AIRPORT ELEVATION	FACILITY
ADS	ILS OR LOC RWY 34	3E	DALLAS	TX	645	I-TBQ

FINAL: LOC

FROM	TO
PORTR INT/I-TBQ 5.28 DME	4.05 NM AFTER PORTR INT

RNP	DISTANCE	PAT	MAP	HAT	HMAS
	4.05		4.05 NM AFTER PORTR INT	595	

OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
BUILDING (48-005219)	325540.81N/0964919.57W	975	20	3	1A	250					1240

COMPUTATIONS

ALT	KIAS	KTAS	HAA	VKTW	TR	BA	DTA	COURSE CHANGE	DVEB	VEB OCS	RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

MISSED APPROACH: ILS

FROM	TO
DA	FINGR/CVE 36.40 DME

RNP	DISTANCE	PAT	MAP	HAT	HMAS
					703

OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
							ASC				5000
TOWER (48-005493)	330923.63N/0964247.92W	1542	250	50	4D	1000					2600
TERRAIN	330524.00N/0964600.00W	784 (800)								AS1500	2300

COMPUTATIONS

ALT	KIAS	KTAS	HAA	VKTW	TR	BA	DTA	COURSE CHANGE	DVEB	VEB OCS	RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

AIRPORT ID	PROCEDURE NAME	AMDT NO.	CITY	STATE	AIRPORT ELEVATION	FACILITY
ADS	ILS OR LOC RWY 34	3E	DALLAS	TX	645	I-TBQ

MISSED APPROACH: LOC

FROM	TO
4.05 NM AFTER PORTR INT	FINGR/CVE 36.40 DME

RNP	DISTANCE	PAT	MAP	HAT	HMAS
					990

OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
							ASC				5000
TOWER (48-005493)	330923.63N/0964247.92W	1542	250	50	4D	1000					2600
TERRAIN	330524.00N/0964600.00W	784 (800)								AS1500	2300

COMPUTATIONS

ALT	KIAS	KTAS	HAA	VKTW	TR	BA	DTA	COURSE CHANGE	DVEB	VEB OCS	RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

MISSED APPROACH ALTERNATE: ILS

FROM	TO
DA	FINGR/TTT 42.74 DME

RNP	DISTANCE	PAT	MAP	HAT	HMAS
					703

OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
							ASC				5000
TOWER (48-005493)	330923.63N/0964247.92W	1542	250	50	4D	1000					2600
TERRAIN	330524.00N/0964600.00W	784 (800)								AS1500	2300

COMPUTATIONS

ALT	KIAS	KTAS	HAA	VKTW	TR	BA	DTA	COURSE CHANGE	DVEB	VEB OCS	RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

AIRPORT ID	PROCEDURE NAME	AMDT NO.	CITY	STATE	AIRPORT ELEVATION	FACILITY
ADS	ILS OR LOC RWY 34	3E	DALLAS	TX	645	I-TBQ

MISSED APPROACH ALTERNATE: LOC

FROM
4.05 NM AFTER PORTR INT

TO
FINGR/TTT 42.74 DME

RNP	DISTANCE	PAT	MAP	HAT	HMAS
					990

OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
							ASC				5000
TOWER (48-005493)	330923.63N/0964247.92W	1542	250	50	4D	1000					2600
TERRAIN	330524.00N/0964600.00W	784 (800)								AS1500	2300

COMPUTATIONS

ALT	KIAS	KTAS	HAA	VKTW	TR	BA	DTA	COURSE CHANGE	DVEB	VEB OCS	RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

CIRCLING ☐ ALL CATS ☐ CAT A ☐ CAT B ☐ CAT C ☐ CAT D ☐ CAT E ☒ NOT AUTHORIZED

MSA

CENTER
CVE VOR/DME

RADIUS
25

SECTOR	OBSTRUCTION	COORDINATES	BEARING	DISTANCE	ELEV MSL	HORZ	VERT	AC	ROC	OCS	ADJUSTMENTS	MIN ALT
160-260	TOWER (48-008489)	323502.67N/0965748.75W	183	18.6	2549	50	20	2C	1000			3600
260-160	TOWER (48-012293)	331941.70N/0970358.10W	337	27.5	1661	50	20	2C	1000			2700

MSA REMARKS:

NOTES/EXPLANATIONS FROM PROCEDURE SEGMENTS:

AIRPORT ID	PROCEDURE NAME	AMDT NO.	CITY	STATE	AIRPORT ELEVATION	FACILITY
ADS	ILS OR LOC RWY 34	3E	DALLAS	TX	645	I-TBQ

PART B: SUPPLEMENTAL DATA

COMMUNICATIONS WITH

ADS TOWER, REGIONAL APP CON, FTW FSS

WX SERVICE	LOCATION	HRS OPERATION	ALTIMETER SOURCE	DISTANCE	WMSCR	ADJUSTMENTS
AWOS-3PT	ADS	24	ADS		Y	0
BACK-UP WX SERVICE	**LOCATION**	**HRS OPERATION**	**ALTIMETER SOURCE**	**DISTANCE**	**WMSCR**	**ADJUSTMENTS**
ASOS	DAL	24	DAL	7.33	Y	40

WX REMARKS:

RASS PRESSURE PATTERNS THE SAME
KADS 645, KDAL 487
RA = 39.1

PRIMARY NAVAID	MONITOR POINT	HRS OPERATION	CAT
I-TBQ	ADS ATCT	* ADS ATCT OPEN	1
		* ADS ATCT CLOSED	3

APPROACH AND RUNWAY LIGHTING SYSTEM	RUNWAY MARKINGS	RUNWAY VISUAL RANGE
RW16 - MALSR (PCL), HIRL (PCL), PAPI-4R	PIR-G	
RW34 - REIL, HIRL (PCL), PAPI-4L	PIR-G	

GLIDESLOPE ANGLE	ELEV RWY THRESHOLD	TCH	ELEV GS ANTENNA	DISTANCE FROM RWY	VGSI ANGLE	TCH
3.00	639.0	54.3	645.2	950	3.00	60.0

FINAL APPROACH COURSE AIMING

RUNWAY THRESHOLD [X] FT FROM THRESHOLD DISPLACED THRESHOLD DISTANCE 772
ON CENTERLINE [X] FT FROM CENTERLINE

CRITICAL TEMPERATURES

CRITICAL LOW	CRITICAL HIGH	ACT	APT ISA

CRITICAL TEMPERATURE REMARKS:

"VISUAL PORTION OF FINAL" PENETRATIONS

FINAL TYPE	S-LOC 34
34:1	
769 BLDG (48-009341) 325702.00N/0964933.00W (6.65)	796 (44-9341) 325702.00N/0964933.00W (5.65)
PENETRATIONS REMARKS:	

HELICOPTER 'VISUAL PORTION OF FINAL' PENETRATIONS

and/or

5280-FT "PROCEED VFR" SEGMENT LEVEL SURFACE AREA PENETRATIONS

PENETRATIONS REMARKS:

PART C: GENERAL REMARKS:

PRECIPITOUS TERRAIN EVALUATION COMPLETED.

MAXIMUM VEGETATION HEIGHT 100 FEET PER FPT CHECKLIST.
FOR CONTINGENCY PURPOSES: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE DAL ALTIMETER SETTING AND INCREASE S-ILS 34 DA TO 935 FEET AND ALL VISIBILITIES 1/8 SM. INCREASE ALL MDAS 40 FEET.

VDP NA WHEN USING DAL ALTIMETER SETTING.

PART D: AIRSPACE

DOCKET #

ALL DISTANCES TO 1/100NM; ELEVATION TO NEAREST 100 FEET; COORDINATES TO 1/100 SECOND; DEG TO 1/100 DEGREE

DISTANCE FROM	THLD	**TO 1000FT POINT**	2.85
WIDTH OF	FINAL	**SEGMENT AT 1000FT POINT**	0.84
TRUE COURSE OF	FINAL	**SEGMENT CONTAINING 1000FT POINT**	339.77
HIGH TERRAIN IN	FINAL	**SEGMENT CONTAINING 1000FT POINT**	700
DISTANCE FROM	THLD	**TO 1500FT POINT**	9.35
WIDTH OF	INTERMEDIATE	**SEGMENT AT 1500FT POINT**	7.09
TRUE COURSE OF	INTERMEDIATE	**SEGMENT CONTAINING 1500FT POINT**	339.77
HIGH TERRAIN IN	INTERMEDIATE	**SEGMENT CONTAINING 1500FT POINT**	600

THRESHOLD COORDINATES (IF STR-IN)	325740.53N/0964959.75W
ARP COORDINATES	325806.80N/0965011.20W
RUNWAY APCH END AND DIST FURTHEST FROM ARP	RUNWAY 16 DISTANCE 0.59 NM
FAF COORDINATES	325351.76N/0964819.94W
FIX NAME COORDINATES	

REMARKS

NO ADDITIONAL AIRSPACE REQUIRED
THLD DISPLACED 772FT, ACTUAL COORDINATES: 325733.36N/0964956.62W

PART E: PREPARED BY

NAME	OFFICE	DATE	TITLE
BRYANT SMITH	AJV-A431	02/06/2025	AERONAUTICAL INFORMATION SPECIALIST