

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> SGT	<u>PROCEDURE NAME</u> RNAV (GPS) RWY 36	<u>ORIGINAL/AMENDMENT</u> 2	<u>CITY</u> STUTT GART	<u>STATE</u> AR
<u>AIRPORT ELEVATION</u> 224	<u>TDZE</u> 224	<u>SUPERSEDED</u> RNAV (GPS) RWY 36	<u>ORIGINAL/AMENDMENT</u> 1D	<u>DATED</u> 09/09/2021
<u>FACILITY</u> RNAV	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u> 27 NOVEMBER 2025	<u>REQUIRED EFFECTIVE DATE</u> ROUTINE	<u>MAG VAR</u> 2E
				<u>EPOCH YEAR</u> 2000
				<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>
OKIYO	IAF	HOGOM	NOPT	TF	FB	1.00	089.79	6.20	2000
KIYEL	IAF	HOGOM	NOPT	TF	FB	1.00	269.99	11.19	2000
HOGOM	IF/IAF	LAYIS		TF	FB	1.00	359.86	5.95	1900
LAYIS	FAF	MAVRE/2.98 NM TO RW36		TF	FB	0.30	359.86	2.14	
MAVRE/2.98 NM TO RW36		RW36	MAP	TF	FO	0.30	359.86	2.98	
RW36	MAP	474 MSL		CA			359.86		
474 MSL		ZEDUK		DF	FO	1.00			2000

MISSED APPROACH

MAP:

LPV: DA
LNAV: RW36

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 2000 DIRECT ZEDUK AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS:

PROFILE:

1. PT	SIDE OF COURSE	OUTBOUND	FT WITHIN	MILES OF	(IAF)
2. HOLD S HOGOM, RT, 359.86 INBOUND, 2000 FT. IN LIEU OF PT (IAF), MAX 6000.					
3. FAC: 359.86	FAF: LAYIS		DIST FAF TO MAP: 5.11	DIST FAF TO THLD: 5.11	
4. MIN ALT: HOGOM 2000, LAYIS 1900, MAVRE/2.98 NM TO RW36 1220					
5. DIST TO THLD FROM OM:	MM:	IM:	150 HAT:	250 HAT: 0.63	GS ANT:
6. MIN GP INCPT: 1900	GP ALT AT PFAF: LAYIS 1900			OM:	MM:
7. GP ANGLE: 3.00	34:1: IS NOT CLEAR	20:1: IS CLEAR	TCH: 49.5		IM:
8. MSA FROM: RW36 2500					



PBN REQUIREMENTS NOTE:

RNP APCH - GPS.

NOTES:

CHART NOTE: CIRCLING RWY 9, 27 NA AT NIGHT.
CHART NOTE: INOPERATIVE TABLE DOES NOT APPLY TO LPV ALL CATS.

ADDITIONAL FLIGHT DATA:

HOLD N, RT, 179.86 INBOUND.
CHART FAS OBST: 330 TREE 343457N/0913430W.
CHART VDP AT 0.96 NM TO RW36.
WAAS CHANNEL # 97311
REFERENCE PATH ID: W36A
LTP HAE: 41.2 M

MINIMUMS:

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

ALTERNATE: NA ☐ STANDARD - NA WHEN LOCAL WEATHER NOT AVAILABLE.

<u>CATEGORY:</u>	<u>A</u>			<u>B</u>			<u>C</u>			<u>D</u>			<u>E</u>		
<u>FINAL TYPE</u>	<u>DA/MDA</u>	<u>VIS</u>	<u>HAT/HAA</u>	<u>DA/MDA</u>	<u>VIS</u>	<u>HAT/HAA</u>	<u>DA/MDA</u>	<u>VIS</u>	<u>HAT/HAA</u>	<u>DA/MDA</u>	<u>VIS</u>	<u>HAT/HAA</u>	<u>DA/MDA</u>	<u>VIS</u>	<u>HAT/HAA</u>
LPV DA	474	3/4	250	474	3/4	250	474	3/4	250	474	3/4	250			
LNAV MDA	620	3/4	396	620	3/4	396	620	3/4	396	620	3/4	396			
CIRCLING	660	1	436	680	1	456	760	1 1/2	536	860	2	636			



CHANGES - REASONS

1. TERMINAL ROUTES: DELETED FEEDER PBF VOR/DME-OKIYO - PER FPT/ATC REQUEST.
2. TERMINAL ROUTES: CHANGED IAF OKIYO-HOGOM COURSE/DISTANCE FROM 089.80/5.00 TO 089.79/6.20 - PER FPT/ATC REQUEST OKIYO MOVED 1.2 NM WEST.
3. TERMINAL ROUTES: CHANGED IF/IAF HOGOM-LAYIS DISTANCE FROM 6.02 TO 5.95 - PER FPT/ATC REQUEST LAYIS MOVED 455.13 FT SOUTH.
4. TERMINAL ROUTES: CHANGED FAF LAYIS-SDF MAVRE DISTANCE FROM 2.04 TO 2.14 - PER FPT/ATC REQUEST LAYIS MOVED 455.13 FT SOUTH AND MAVRE MOVED 146.36 FT NORTH.
5. TERMINAL ROUTES: CHANGED SDF MAVRE-MAP DISTANCE FROM 3.00 TO 2.98 - PER FPT/ATC REQUEST MAVRE MOVED 146.36 FT NORTH.
6. PROFILE LINE 3: CHANGED DIST FAF TO MAP:/DISTANCE FAF TO THLD: FROM 5.04/5.04 TO 5.11/5.11 - PER FPT/ATC REQUEST LAYIS MOVED 455.13 FT SOUTH AND MAVRE MOVED 146.36 FT NORTH.
7. PROFILE LINE 4: CHANGED MIN ALT: FROM MAVRE/3.00 NM TO MAVRE/2.98 NM - PER FPT/ATC REQUEST MAVRE MOVED 146.36 FT NORTH.
8. PROFILE LINE 7: ADDED 20:1 'IS CLEAR' - NO 20:1 SURFACE PENETRATIONS IAW 8260.19J PARA 8-6-7.G.3(A).
9. CHART NOTE: ADDED 'INOPERATIVE TABLE DOES NOT APPLY TO LPV ALL CATS' - IAW 8260.19J PARA 8-6-12 O.
10. CHART NOTE: CHANGED FROM 'WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE BILL AND HILLARY CLINTON NATIONAL/ADAMS FIELD ALTIMETER SETTING; INCREASE LPV DA TO 556 AND ALL VISIBILITIES 1/8 SM; INCREASE ALL MDAS 100 FEET AND VISIBILITY CATS C AND D 1/4 SM' TO 'CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE LIT ALTIMETER SETTING AND INCREASE LPV DA TO 556 FEET; INCREASE ALL MDAS 100 FEET AND LNAV VISIBILITY CAT C/D 1/4 SM, AND CIRCLING VISIBILITY CAT C/D 1/4 SM' - LNAV MINIMUMS CHANGED, LOCATION ID USED IAW 8260.19J. IN COORDINATION WITH FPT MOVED NOTE FROM NOTES SECTION TO -9 PART C REMARKS TO MATCH ILS OR LOC PROCEDURE.
11. CHART NOTE: CHANGED FROM 'FOR INOP MALSF WHEN USING BILL AND HILLARY CLINTON NATIONAL/ADAMS FIELD ALTIMETER SETTING, INCREASE LPV ALL CATS VISIBILITY TO 1 1/8 MILE' TO 'FOR INOP ALS WHEN USING LIT ALTIMETER SETTING, INCREASE LPV ALL CATS VISIBILITY TO 1 1/8 MILE' - IAW 8260.3E, TABLE 3-3-3, 3-3-4, 3-3-5. IN COORDINATION WITH FPT MOVED NOTE FROM NOTES SECTION TO -9 PART C REMARKS TO MATCH ILS OR LOC PROCEDURE.
12. CHART NOTE: CHANGED FROM 'CHART NOTE: VDP NA WHEN USING BILL AND HILLARY CLINTON NATIONAL/ADAMS FIELD ALTIMETER SETTING' TO 'VDP NA WHEN USING LIT ALTIMETER SETTING' - LOCATION ID USED IAW 8260.19J. IN COORDINATION WITH FPT MOVED NOTE FROM NOTES SECTION TO -9 PART C REMARKS TO MATCH ILS OR LOC PROCEDURE.
13. CHART NOTE: ADDED 'CIRCLING RWY 9, 27 NA AT NIGHT' - NO SURVEY RWYS 9, 27. 20:1 ASSUMED.
14. ADDITIONAL FLIGHT DATA: CHANGED CHART FAS OBST: FROM '329 TREE 343452N/0913415W' TO '330 TREE 343457N/0913430W' - NEW CONTROLLING OBSTACLE IAW 8260.19J PARA 8-6-10.C.
15. ADDITIONAL FLIGHT DATA: CHANGED CHART VDP AT FROM '1.09 NM TO RW36' TO '0.96 NM TO RW36' - PER FPT/ATC REQUEST FAF LAYIS MOVED 455.13 FT SOUTH, LNAV MDA CHANGED FROM 620 TO 580, IAW 8260.3F, FORMULA 2-6-5.
16. FAS DATA BLOCK INFORMATION: CHANGED FPAP LAT/LON FROM 343615.4200N/0913442.5000W TO 343644.7875N/0913441.3565W - PER FPT/ATC REQUEST LAYIS MOVED 455.13 FT SOUTH.
17. FAS DATA BLOCK INFORMATION: CHANGED COURSE WIDTH AT THRESHOLD FROM '107.25' TO '106.75', LENGTH OFFSET FROM '0008' TO '0920', VERTICAL ALERT LIMIT (VAL) FROM 50.0 TO 35.0 - FPAP CHANGED.
18. FAS DATA BLOCK INFORMATION: CHANGED CRC REMAINDER FROM '3DAE575B' TO 'FE6899E7' - LAYIS MOVED 455.13 FT SOUTH, FPAP CHANGED.

COORDINATED WITH:

A4A

ALPA

☒

AOPA

☒

APA

HAI

NBAA

☒

OTHER: ZME, LIT APP CON, APT MGR, AR AERO

FLIGHT CHECKED BY
RUSSELL ROSLEWSKI

Digitally signed by
ROBERT G HAMILTON
Apr 22, 2025

OFFICE
AJF

DATE
04/18/2025

DEVELOPED BY
RAFAEL A MARTINEZ

Digitally signed by
RAFAEL A MARTINEZ
Feb 04, 2025

OFFICE
AJV-A433

DATE
10/01/2024

APPROVED BY
BEV L BORDY

Digitally signed by
ROBERT G HAMILTON
Apr 22, 2025

OFFICE
AJV-A430

DATE
05/08/2025

TITLE
MANAGER



FAS DATA BLOCK INFORMATION

DATA FIELD	DATA
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KSGT
RUNWAY	RW36
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W36A
LTP/FTP LATITUDE	343515.5845N
LTP/FTP LONGITUDE	0913444.8485W
LTP/FTP ELLIPSOIDAL HEIGHT	+00412
FPAP LATITUDE	343644.7875N
FPAP LONGITUDE	0913441.3565W
THRESHOLD CROSSING HEIGHT (TCH)	00049.5
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	0920
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0
CRC REMAINDER	FE6899E7

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K4
LTP ORTHOMETRIC HEIGHT	+00679
FPAP ORTHOMETRIC HEIGHT	+00679

