

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 18	<u>ORIGINAL/AMENDMENT</u> 1D	<u>CITY</u> STUTT GART	<u>STATE</u> AR
<u>AIRPORT ELEVATION</u> 224	<u>TDZE</u> 224	<u>SUPERSEDED</u> RNAV (GPS) RWY 18	<u>DATED</u> 09/09/2021	<u>MAG VAR</u> 2E
<u>FACILITY</u> RNAV	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u> 22 FEBRUARY 2024	<u>REQUIRED EFFECTIVE DATE</u> ROUTINE	<u>EPOCH YEAR</u> 2000
			<u>CANCEL/SUSPEND</u>	

TERMINAL ROUTES

FROM	FIX TYPE	TO	FIX TYPE	LEG TYPE	FO/FB	RNP	COURSE	DISTANCE	ALTITUDE
HILLE		WILUS		TF	FB	1.00	221.51	26.29	2000
DRAST		WILUS		TF	FB	1.00	346.14	9.62	2000
NIBIC	IAF	ZEDUK	NOPT	TF	FB	1.00	089.78	5.00	2000
WILUS	IAF	ZEDUK	NOPT	TF	FB	1.00	269.90	5.00	2000
ZEDUK	IF/IAF	TOCOK		TF	FB	1.00	179.86	6.01	1900
TOCOK	FAF	RW18	MAP	TF	FO	0.30	179.86	5.06	
RW18	MAP	474 MSL		CA			179.86		
474 MSL		HOGOM		DF	FO	1.00			2000

MISSED APPROACH

MAP:

LPV: DA
LNAV/VNAV: DA
LNAV: RW18

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 2000 DIRECT HOGOM AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS:

PROFILE:

1. PT

SIDE OF COURSE

OUTBOUND

FT WITHIN

MILES OF

(IAF)
2. HOLD N ZEDUK, RT, 179.86 INBOUND, 2000 FT. IN LIEU OF PT (IAF), MAX 6000.
3. FAC: 179.86 FAF: TOCOK
- DIST FAF TO MAP: 5.06
- DIST FAF TO THLD: 5.06
4. MIN ALT: ZEDUK 2000, TOCOK 1900
5. DIST TO THLD FROM OM: MM: IM: 150 HAT: 250 HAT: 0.66 GS ANT: IM:
6. MIN GP INCPT: 1900 GP ALT AT PFAF: TOCOK 1900
7. GP ANGLE: 3.00 34:1: IS NOT CLEAR 20:1: IS CLEAR TCH: 45.0
8. MSA FROM: RW18 2500



PBN REQUIREMENTS NOTE:

RNP APCH - GPS.

NOTES:

CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT DRAST ON T398 EASTBOUND.
CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -15°C OR ABOVE 48°C.
CHART NOTE: RWY 18 HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVAL AT HILLE ON V69 AND V124 NORTHEAST BOUND.

ADDITIONAL FLIGHT DATA:

HOLD S, RT, 359.86 INBOUND.
CHART FAS OBST: 451 TOWER (05-001695) 343856N/0913319W.
CHART VDP AT 1.11 NM TO RW18.
WAAS CHANNEL # 58303
REFERENCE PATH ID: W18A
LTP HAE: 40.4 M

MINIMUMS:**TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT****ALTERNATE:** NA ☐ STANDARD; 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	1	250	474	1	250	474	1	250	474	1	250			
LNAV/VNAV DA	520	7/8	296	520	7/8	296	520	7/8	296	520	1	296			
LNAV MDA	620	1	396	620	1	396	620	1 1/8	396	620	1 1/4	396			
CIRCLING	660	1	436	680	1	456	760	1 1/2	536	860	2	636			

CHANGES - REASONS

1. INCORPORATED PREVIOUS ORIG-C P-NOTAMS.
2. TERMINAL ROUTES: DELETED LIT VORTAC FEEDER SEGMENT AND ASSOCIATED PLANVIEW NOTE – FACILITY CANCELLED PER VOR MON NATL PROGRAM.
3. PROFILE LINE 2: ADDED "MAX 6000" - IAW 8260.19I, 8-6-7.B(2).
4. PROFILE LINE 6: ADDED "1900" TO TOCOK - IAW 8260.19I, 8-6-7.F(4).
5. PROFILE LINE 7: ADDED 20:1 "IS CLEAR" – PER STUTTGART MUNI LETTER DATED 1/7/2016 AND CURRENT CRITERIA REQUIREMENTS.
6. ADDED CHART NOTE: RWY 18 HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED – ASSUMED 34:1 PENETRATIONS.
7. CHANGED CHART NOTE FROM "FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -15°C (5°F) OR ABOVE 48°C (118°F)" TO "FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -15°C OR ABOVE 48°C" – PER CURRENT CRITERIA REQUIREMENTS.
8. CHANGED PLANVIEW NOTE FROM "PROCEDURE NA FOR ARRIVALS AT DRAST VIA V47 SOUTHWEST BOUND" TO "PROCEDURE NA FOR ARRIVALS AT DRAST ON T398 EASTBOUND" – V47 CANCELLED AND REPLACED BY T398.
9. ADDED CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVAL AT HILLE ON V69 AND V124 NORTHEAST BOUND - IAW 8260.19I 8-2-5E(2).
10. MOVED BACKUP ALTIMETER AND ASSOCIATED NOTES TO THE 8260-9 PART C: GENERAL REMARKS - IAW 82603.19I 8-6-9F(3) .
11. CHANGED CHART FAS OBST FROM "451 TOWER 343856N/0913319W" TO "451 TOWER (05-001695) 343856N/0913319W" - IAW 82603.19I 8-6-10C.
12. ADDITIONAL FLIGHT DATA: DELETED "CHART FAS OBST 250 UTILITY POLE 343642N/0913450W" – NO LONGER REQUIRED TO DOCUMENT VNAV OBS AS FAS OBST PER CRITERIA.
13. ADDITIONAL FLIGHT DATA: REMOVED "*" FROM "CHART VDP AT 1.11 NM TO RW18*", DELETED "*LNAV ONLY" – NO LONGER REQUIRED PER CURRENT CRITERIA.
14. RAISED LNAV/VNAV VISIBILITIES FOR CATS A, B, AND C FROM "3/4 SM TO "7/8 SM" - TABLE 8260.3E 3-3-1 APPLIED.
15. RAISED LNAV VSIBILILTIES FOR CATS A AND B FROM "3/4 SM" TO "1 SM" AND CAT C FROM "3/4 SM" TO "1 1/8 SM" - TABLE 8260.3E 3-3-1 APPLIED.

COORDINATED WITH:

A4A

☐

ALPA

☒

AOPA

☒

APA

☐

HAI

☐

NBAA

☒

OTHER:

ZME, LIT APP CON, AR AERO, AMGR.

FLIGHT CHECKED BY

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

OFFICE

Digitally signed by

CASIMIR L TABAKA

Jan 04, 2024

DATE

DEVELOPED BY

CASIMIR L. TABAKA (ROBERT A. SWINSON)

Digitally signed by

CASIMIR L TABAKA

Jan 04, 2024

OFFICE

AJV-A432

DATE

08/09/2023

APPROVED BY

CASIMIR L. TABAKA

Digitally signed by

CASIMIR L TABAKA

Jan 04, 2024

OFFICE

AJV-A432

DATE

TITLE

MANAGER

FAS DATA BLOCK INFORMATION

DATA FIELD
OPERATION TYPE
SBAS SERVICE PROVIDER IDENTIFIER
AIRPORT IDENTIFIER
RUNWAY
APPROACH PERFORMANCE DESIGNATOR
ROUTE INDICATOR
REFERENCE PATH DATA SELECTOR
REFERENCE PATH IDENTIFIER (APPROACH ID)
LTP/FTP LATITUDE
LTP/FTP LONGITUDE
LTP/FTP ELLIPSOIDAL HEIGHT
FPAP LATITUDE
FPAP LONGITUDE
THRESHOLD CROSSING HEIGHT (TCH)
TCH UNITS SELECTOR (METERS OR FEET USED)
GLIDEPATH ANGLE (GPA)
COURSE WIDTH AT THRESHOLD
LENGTH OFFSET
HORIZONTAL ALERT LIMIT (HAL)
VERTICAL ALERT LIMIT (VAL)

DATA
0
0
KSGT
RW18
0
0
W18A
343615.0500N
0913442.5210W
+00404
343445.8500N
0913446.0200W
00045.0
F
03.00
106.75
0920
40.0
50.0

CRC REMAINDER

D9FFAE5C

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE
LTP ORTHOMETRIC HEIGHT
FPAP ORTHOMETRIC HEIGHT

K4
+00671
+00671

