

**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.

AIRPORT ID SHG/PAGH	PROCEDURE NAME RNAV (GPS) RWY 28	ORIGINAL/AMENDMENT 4	CITY SHUNGNAK	STATE AK
AIRPORT ELEVATION 205	TDZE 205	SUPERSEDED RNAV (GPS) RWY 28	DATED 10/10/2019	MAG VAR 13E
FACILITY RNAV	COORDINATES OF FACILITIES	ACTUAL EFFECTIVE DATE 31 OCTOBER 2024	REQUIRED EFFECTIVE DATE ROUTINE	EPOCH YEAR 2020
				CANCEL/SUSPEND

TAA

FROM	FIX TYPE	TO	FIX TYPE	ALTITUDE
1. 194/30 CW 295/30	NOPT	194/6 CW 295/6		7400
2. 194/6 CW 295/6		GUYER	IF/IAF	5600
3. 295/30 CW 104/30		GUYER	IF/IAF	6300
4. 104/30 CW 194/30		104/10 CW 194/10		8000
5. 104/10 CW 194/10		JUGOG	IAF	6100

TERMINAL ROUTES

FROM	FIX TYPE	TO	FIX TYPE	LEG TYPE	FO/FB	RNP	COURSE	DISTANCE	ALTITUDE
JUGOG	IAF	GUYER	NOPT	TF	FB	1.00	194.33	9.00	5600
GUYER	IF/IAF	HEBOR		TF	FB	1.00	284.18	8.03	3100
HEBOR	FAF	CONBA/2.25 NM TO RW28		TF	FB	0.30	283.90	6.72	
CONBA/2.25 NM TO RW28		RW28	MAP	TF	FO	0.30	283.90	2.25	
RW28	MAP	540 MSL		CA			283.90		
540 MSL		HODMO		DF	FB	1.00			
HODMO		TOMPY		TF	FO	1.00	314.38	8.50	5000

MISSED APPROACH

MAP:

LP: RW28
LNAV: RW28

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 5000 DIRECT HODMO AND ON TRACK 314.38 TO TOMPY AND HOLD, CONTINUE CLIMB-IN-HOLD TO 5000.

ALTERNATE MISSED APPROACH INSTRUCTIONS:



PROFILE:

1. PT	SIDE OF COURSE	OUTBOUND	FT WITHIN	MILES OF	(IAF)
2. HOLD E GUYER, RT, 284.18 INBOUND, 5600 FT. IN LIEU OF PT (IAF), MAX 10000.					
3. FAC: 283.90	FAF: HEBOR	DIST FAF TO MAP: 8.96	DIST FAF TO THLD: 8.96		
4. MIN ALT: GUYER 5600, HEBOR 3100, CONBA/2.25 NM TO RW28 960					
5. DIST TO THLD FROM OM:	MM:	IM:	150 HAT:	GS ANT:	
6. MIN GP INCPT:	GP ALT AT FAF:			OM:	MM: IM:
7. GP ANGLE:	34:1: IS NOT CLEAR	20:1: IS NOT CLEAR	TCH:		
8. MSA FROM:					

PBN REQUIREMENTS NOTE:

RNP APCH - GPS.

NOTES:

CHART NOTE: RWY 28 HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED.
 CHART NOTE: STRAIGHT-IN RWY 28 NA AT NIGHT, CIRCLING RWY 28 NA AT NIGHT.
 CHART PLANVIEW NOTE: FREQ 122.0 REQUIRED FOR AMF COMMUNICATIONS BELOW 10000 MSL.

ADDITIONAL FLIGHT DATA:

HOLD SW, RT, 046.87 INBOUND.
 CHART FAS OBST: 268 TREE (02-045215) 665300N/1570920W, 255 TREE (02-047246) 665308N/1570826W.
 WAAS CHANNEL # 40126
 REFERENCE PATH ID: W28A
 HEBOR TO RW28: 3.00/40.
 CHART CIRCLING ICON.
 LTP HAE: 67.1 M

MINIMUMS:

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

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

CATEGORY:	A			B			C			D			E			
	FINAL TYPE	DA/MDA	VIS	HAT/HAA												
LP MDA	540	1	335	540	1	335	540	1	335		NA					
LNAV MDA	540	1	335	540	1	335	540	1	335		NA					
CIRCLING	600	1	395	660	1	455	660	1 1/2	455		NA					

CHANGES - REASONS

- TAA: LEG 5 104/10 CW 194/10 TO JUGOG UPDATED FROM "5800" TO "6100" - NEW CONTROLLING OBSTACLE.
- TERMINAL ROUTES: UPDATED LEG "HODMO TO AMF NDB" TO "HODMO TO TOMPY" COURSE UPDATED FROM "314.96" TO "314.38" AND DISTANCE FROM "8.45" TO "8.50" - AMF NDB DECOM.
- MISSED APPROACH INSTRUCTIONS: UPDATED FROM "CLIMB TO 5000 DIRECT HODMO AND ON TRACK 314.96 TO AMF NDB AND HOLD, CONTINUE CLIMB-IN-HOLD TO 5000" TO "CLIMB TO 5000 DIRECT HODMO AND ON TRACK 314.38 TO TOMPY AND HOLD, CONTINUE CLIMB-IN-HOLD TO 5000" - AMF NDB DECOM REPLACED WITH TOMPY PER FPT REQUEST.
- PROFILE LINE 3: UPDATED DIST FAF TO MAP FROM "8.97" TO "8.96" AND DIST FAF TO THLD FROM "8.97" TO "8.96" - HEBOR MOVED 0.31 NORTH WEST TO ALIGN FINAL.
- PBN REQUIREMENTS NOTE: UPDATED "RNP APCH" TO "RNP APCH - GPS" - IAW 82016.19J 8-6-8.
- NOTES: UPDATED CHART NOTE FROM "RWY 28 STRAIGHT-IN AND CIRCLING MINIMUMS NA AT NIGHT" TO "STRAIGHT-IN RWY 28 NA AT NIGHT, CIRCLING RWY 28 NA AT NIGHT" - NO PENS EXIST FOR RWY 10 AND IAW 8260.19J 8-6-12.O.2.H.NOTE.
- ADDITIONAL FLIGHT DATA: UPDATED "CHART FAS OBST: 255 TREE 665308N/1570826W, 268 TREE 665260N/1570920W" TO "CHART FAS OBST: 268 TREE (02-045215) 665300N/1570920W, 255 TREE (02-047246) 665308N/1570826W" - SURVEY OBSTACLE NUMBERS ADDED AND IAW 8260.19J 8-6-11.C.
- FAS DATA: CRC REMAINDER UPDATED FROM "166DF37C" TO "B80C918E" - FPAP LAT/LONG UPDATED FROM "665347.9675N/1571221.9805W" TO "665347.9670N/1571221.9810W".

8/20/17
 15
 CHECKED

COORDINATED WITH:

A4A **ALPA** **AOPA** **APA** **HAI** **NBAA**

OTHER: ZAN ARTCC, OTZ FSS, FAI FSS, AMGR

FLIGHT CHECKED BY

JAMES HAWLEY

Digitally signed by

ROBERT G HAMILTON

Aug 13, 2024

OFFICE

FPO

DATE

07/11/2024

DEVELOPED BY

ROBERT G HAMILTON (MATTHEW W.TOWNSEND)

Digitally signed by

ROBERT G HAMILTON

Aug 13, 2024

OFFICE

AJV-A433

DATE

04/18/2024

APPROVED BY

ROBERT G HAMILTON

Digitally signed by

ROBERT G HAMILTON

Aug 13, 2024

OFFICE

AJV-A433

DATE

TITLE

MANAGER

FAS DATA BLOCK INFORMATION

<u>DATA FIELD</u>	<u>DATA</u>
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	PAGH
RUNWAY	RW28
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W28A
LTP/FTP LATITUDE	665308.2645N
LTP/FTP LONGITUDE	1570859.8675W
LTP/FTP ELLIPSOIDAL HEIGHT	+00671
FPAP LATITUDE	665347.9670N
FPAP LONGITUDE	1571221.9810W
THRESHOLD CROSSING HEIGHT (TCH)	00040.0
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	1528
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	00.0
CRC REMAINDER	B80C918E

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	PA
LTP ORTHOMETRIC HEIGHT	+00625
FPAP ORTHOMETRIC HEIGHT	+00625

