

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

**RNAV (GPS) - STANDARD
INSTRUMENT APPROACH PROCEDURE
FAR PART 97.33**

Bearings, headings, courses, 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 in feet RVR.

TERMINAL ROUTES				MISSED APPROACH
FROM	TO	COURSE AND DISTANCE	ALTITUDE	
COVEY (IAF)	WUWAP (FB)	012.04 / 13.76	6000	LPV: DA LNAV/VNAV: DA LNAV: RW07 CLIMB TO 6000 DIRECT AHLER AND HOLD. ADDITIONAL FLIGHT DATA: HOLD NE, RT, 246.94 INBOUND. CHART FAS OBST: 4339 TREE 375538N/0795059W DISTANCE TO THLD FROM 350 HAT: 0.92 NM. WAAS CHANNEL # 86813 REFERENCE PATH ID: W07A
FRETT (IAF)	WUWAP (FB)	119.45 / 18.82	6000	
WUWAP (IF)	HOSFE (FB)	066.69 / 6.10	5700	

1. PT NA SIDE OF COURSE OUTBOUND FT WITHIN MILES OF (IAF)
2. PROFILE STARTS AT WUWAP
3. FAC: 066.76 FAF: HOSFE DIST FAF TO MAP: 5.72 THLD: 5.72
4. MIN. ALT: WUWAP 6000, HOSFE 5700
5. DIST TO THLD FROM OM: MM: IM: 150 HAT: 100 HAT: GS ANT:
6. MIN GS INCPT: 5700 GS ALT AT: HOSFE OM: MM: IM:
7. GS ANGLE: 3.00 TCH: 60.0 34:1 IS NOT CLEAR
8. MSA FROM: RW07 6100

MAG VAR: 8W EPOCH YEAR: 2000

MINIMUMS																
TAKEOFF:		STANDARD	X	SEE FAA FORM 8260-15A	FOR THIS AIRPORT	ALTERNATE: N A		@								
CATEGORY	=====	A			B			C			D			E		
		DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
LPV DA		4143	1 1/4	350	4143	1 1/4	350	4143	1 1/4	350	4143	1 1/4	350			
LNAV/VNAV DA		4619	3	826	4619	3	826	4619	3	826	4619	3	826			
LNAV MDA		4700	1 1/4	907	4700	1 1/4	907	4700	2 3/4	907	4700	3	907			
CIRCLING		4700	1 1/4	907	4700	1 1/4	907	4700	2 3/4	907	4700	3	907			

NOTES:
CHART NOTE: CIRCLING NA SE OF RWY 7-25.
CHART NOTE: BARO-VNAV NA.
CHART NOTE: DME/DME RNP-0.3 NA.
CHART NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA.
SEE 8260-10

@ CAT A, B 1000-2, CAT C 1000-2 3/4, CAT D 1000-3
@ NA WHEN LOCAL WEATHER NOT AVAILABLE.

CITY AND STATE HOT SPRINGS, VA	ELEVATION: 3793 TDZE: 3793 AIRPORT NAME: INGALLS FLD	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 7, ORIG 27 AUG 2009	SUP: AMDT: NONE DATED
--	---	-------------------------------------	---	------------------------------------

RNAV (GPS) - STANDARD
INSTRUMENT APPROACH PROCEDURE - FAR PART 97.33

Bearings, headings, courses, 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 in feet RVR.

NOTES CONT.

CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT FRETZ VIA V290 WESTBOUND AND ARRIVALS AT COVEY VIA V103 SOUTHBOUND.

CHART PROFILE NOTE: VGS1 AND RNAV GLIDEPATH NOT COINCIDENT.

CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, PROCEDURE NA.

CITY AND STATE

HOT SPRINGS, VA

ELEVATION: 3793 TDZE: 3793

AIRPORT NAME:

INGALLS FLD

FACILITY
IDENTIFIER:

RNAV

PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:

RNAV (GPS) RWY 7, ORIG

27 AUG 2009

SUP:

AMDT: NONE

DATED:

**RNAV (GPS) STANDARD INSTRUMENT APPROACH PROCEDURE
FLIGHT STANDARDS SERVICE - FAR PART 97.33**

Bearings, headings, courses, 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 in feet RVR.

FAS DATA BLOCK INFORMATION**DATA FIELD****DATA**

OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KHSP
RUNWAY	RW07
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W07A
LTP/FTP LATITUDE	375650.9035N
LTP/FTP LONGITUDE	0795031.9000W
LTP/FTP ELLIPSOIDAL HEIGHT	+11236
FPAP LATITUDE	375737.0700N
FPAP LONGITUDE	0794855.5100W
THRESHOLD CROSSING HEIGHT (TCH)	00060.0
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	1040
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0

CRC REMAINDER

D8184AD1

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K6
LTP ORTHOMETRIC HEIGHT	+11553
FPAP ORTHOMETRIC HEIGHT	+11553

CITY AND STATE

HOT SPRINGS, VA

ELEVATION: 3793 TDZE: 3793

AIRPORT NAME:

INGALLS FLD

FACILITY
IDENTIFIER:

RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

RNAV (GPS) RWY 7, ORIG

27 AUG 2009

SUP:

AMDT: NONE

DATED:

Bearings, headings, courses, 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 in feet RVR.

[illegible][illegible]

SUSAP KHSPK6AHSP 0 056YHN37570520W079500200W008003793 1800018000C MNAR INGALLS FLD

[illegible]

SUSAP	KHSPK6FR07	ACOVEY	010COVEYK6EA0E	A	IF			18000		A JS
SUSAP	KHSPK6FR07	ACOVEY	020WUWAPK6EA0EE		010TF	01200119	+	06000		A JS
SUSAP	KHSPK6FR07	AFRETT	010FRETTK6EA0E	A	IF			18000		A JS
SUSAP	KHSPK6FR07	AFRETT	020WUWAPK6EA0EE		010TF	11950188	+	06000		A JS
SUSAP	KHSPK6FR07	R	010WUWAPK6EA0E	I	IF		+	6600G	18000	A JS
SUSAP	KHSPK6FR07	R	020HOSFEK6EA1E	F	051TF	06670061	+	05700		RW07 K6PGA JS
SUSAP	KHSPK6FR07	R	020HOSFEK6EAZWALPV		ALNAV/VNAV ALNAV					JS
SUSAP	KHSPK6FR07	R	030RW07 KSPGGY	M	031TF	06680057		03850	-300	A JS
SUSAP	KHSPK6FR07	R	040AHLERK6EA0EYM		010DF		+	06000		A JS
SUSAP	KHSPK6FR07	R	050AHLERK6EA0EE		R020HM	24690050	+	06000		A JS

[illegible]

SUSAP KHSPK6GRW07 0055000668 N27565090W079503190-0500 +1123603790000060100R

[illegible]

SUSAP KHSPK6PR07	RW07 001	0600W07A0N375-509035W07950319000+11236030GN3757370700W07948555100106751040000600F400500D8184AD1
SUSAP KHSPK6PR07	RW07 002E	+11553+11553LPV 86813

CITY AND STATE HOT SPRINGS, VA	ELEVATION: 3793 TDZE: 3793 AIRPORT NAME: INGALLS FLD	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 7, ORIG 27 AUG 2009	SUP:
				AMDT: NONE
				DATED:

RNAV (GPS) STANDARD INSTRUMENT APPROACH PROCEDURE FLIGHT STANDARDS SERVICE - FAR PART 97.33

Bearings, headings, courses, 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 in feet RVR.

[illegible]

ELEVATION: 3793 TDZE: 3793
AIRPORT NAME:
INGALLS FLD

FACILITY IDENTIFIER:	RNAV
----------------------	------

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:
RNAV (GPS) RWY 7, ORIG
27 AUG 2009

SUP:	
AMDT:	NONE
DATED:	

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION
RNAV (GPS) STANDARD INSTRUMENT APPROACH PROCEDURE
FLIGHT STANDARDS SERVICE - FAR PART 97.33

Bearings, headings, courses, 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 in feet RVR.

ARINC FLIGHT INSPECTION SUMMARY - VERSION 424-13 - RNAV (GPS)

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE
	COVEY	COVEY	010	IAF	IF		FB				
	COVEY	WUWAP	020		TF		FB	1.0	012.0(004T)	013.8	06000
	FRETT	FRETT	010	IAF	IF		FB				
	FRETT	WUWAP	020		TF		FB	1.0	119.5(112T)	018.8	06000
		WUWAP	010	FACF	IF		FB				06000
		HOSFE	020	PAF	TF		FB	0.5	066.7(059T)	006.1	05700
		RW07	030	MAP	TF		FO	0.3	066.8(059T)	005.7	03850

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE
	AHLER	040		DF		FO	1.0			06000
	AHLER	050		HM	R	FO	2.0	246.9(239T)	005.0	06000

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	AHLER	N380232.11	W0793837.68	N3802.535	W07938.628
	COVEY	N373658.03	W0800431.34	N3736.967	W08004.522
	FRETT	N375738.23	W0802525.03	N3757.637	W08025.417
	HOSFE	N375352.94	W0795642.68	N3753.882	W07956.711
	WUWAP	N375042.52	W0800317.92	N3750.710	W08003.299
	RW07	N375650.90	W0795031.90	N3756.848	W07950.532

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW07	03790	60

CITY AND STATE
HOT SPRINGS, VA

ELEVATION: 3793 TDZE: 3793
 AIRPORT NAME:
 INGALLS FLD

FACILITY
IDENTIFIER:
RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:
 RNAV (GPS) RWY 7, ORIG
 27 AUG 2009

SUP:
 AMDT: NONE
 DATED: