

TERMINAL ROUTES				MISSED APPROACH	
FROM	TO	COURSE AND DISTANCE	ALTITUDE		
MANNE INT (IAF)	GIGEY INT/RADAR	190.00 / 2.60 (HDG) & 160.61 / 4.62 (I-HEF)	3000	ILS: DA LOC: 6.12 MILES AFTER DORGE INT/RADAR	
GIGEY INT/RADAR (IF)	DORGE INT/RADAR	160.61 / 5.29 (I-HEF)	2200	CLIMB TO 700, THEN CLIMBING RIGHT TURN TO 3000 DIRECT CSN VORTAC AND HOLD OR AS DIRECTED BY ATC. ALTERNATE MA: CLIMB TO 700, THEN CLIMBING RIGHT TURN TO 5000 DIRECT LDN VORTAC AND HOLD.	
				ADDITIONAL FLIGHT DATA: HOLD SW, LT, 027.00 INBOUND. CHART IN PLANVIEW: ALTERNATE MA HOLDING, HOLD SE LDN VORTAC, RT, 335.00 INBOUND. CHART FAS OBST: 393 TREE 384545N/0773209W 539 AAO 384650N/0773412W CHART R6608A ,B & C. CHART (CFBPP) AT INTERSECTION OF DR LEG AND INTERMEDIATE. CHART IN PLANVIEW: LDN VORTAC. CHART CIRCLING ICON	

1. PT SIDE OF COURSE OUTBOUND FT WITHIN MILES OF (IAF)
 2. PROFILE STARTS AT GIGEY
 3. FAC: 160.61 FAF: DORGE INT/RADAR DIST FAF TO MAP: 6.12 THLD: 6.12
 4. MIN. ALT: GIGEY 3000, DORGE 2200, JUKIK INT/RADAR 1300*
 5. DIST TO THLD FROM OM: MM: IM: 150 HAT: 100 HAT: GS ANT: 1299
 6. MIN GS INCPT: 2200 GS ALT AT: DORGE 2200 OM: MM: IM:
 7. GS ANGLE: 3.00 TCH: 57.8
 8. MSA FROM: AML VOR/DME 3400
- MAG VAR: 10W EPOCH YEAR: 2000

MINIMUMS															
TAKEOFF:	SEE FAA FORM 8260-15A FOR THIS AIRPORT						ALTERNATE: N A	ILS: STANDARD #	LOC: STANDARD @						
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
S-ILS 16L	392	3/4	200	392	3/4	200	392	3/4	200	392	3/4	200			
S-LOC 16L	660	3/4	468	660	3/4	468	660	1	468	660	1	468			
CIRCLING	720	1	528	740	1	548	840	1 3/4	648	880	2 1/4	688			

NOTES:
 CHART NOTE: INOPERATIVE TABLE DOES NOT APPLY TO S-ILS 16L ALL CATS.
 CHART NOTE: FOR INOPERATIVE MALSR, INCREASE S-LOC 16L CAT A/B VISIBILITY TO 1.
 *LOC ONLY
 CHART NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED.
 (SEE FORM 8260-10)

CAT C 700-2, CAT D 700-2 1/4
 @ CAT D 800-2 1/4
 @ NA WHEN LOCAL WEATHER NOT AVAILABLE



CITY AND STATE	ELEVATION: 192 THRE: 192	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP:
WASHINGTON, DC	AIRPORT NAME:	I-HEF	ILS OR LOC RWY 16L, ORIG	AMDT: NONE
	MANASSAS RGNL/HARRY P. DAVIS FIELD		6 FEBRUARY 2014	DATED

US DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION
ILS - STANDARD
INSTRUMENT APPROACH PROCEDURE - TITLE 14 CFR PART 97.29

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 NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE DULLES ALTIMETER SETTING AND INCREASE DA 49 FEET, ALL MDA 60 FEET, AND INCREASE CAT C/D CIRCLING VISIBILITY 1/4 MILE.
 CHART NOTE: FOR INOPERATIVE MALSR WHEN USING DULLES ALTIMETER SETTING INCREASE S-LOC 16L CAT A/B VISIBILITY 1/4.



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	AIRPORT NAME: MANASSAS RGNL/HARRY P. DAVIS FIELD				AMDT: NONE
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ILS STANDARD INSTRUMENT APPROACH PROCEDURE

FLIGHT STANDARDS SERVICES - FAR PART 97.29

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ARINC SUMMARY - 424-18 - ILS

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE	SPEED
	MANNE	MANNE	010	IAF	IF		FB					
	MANNE	CFBPP	020		TF		FB				AA 03000	
	MANNE	GIGEY	030		CF		FB		160.6 ()	004.6	AA 03000	
		GIGEY	010	FACF	IF		FB				AA 03000	GI 02200
		DORGE	020	FAF	CF		FB		161.0 ()	005.3	GI 02200	GS 02200
		RW16L	030	MAP	CF		FO		161.0 ()	006.1	AT 00250	

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE	SPEED
		040		CA		FB		160.6 ()		AA 00700	
	CSN	050		DF	R	FO				AA 03000	
	CSN	060		HM	L	FO		027.0 ()	T01.0	AA 03000	

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	AML	N385604.55	W0772800.10	N3856.076	W07728.002
	CSN	N383828.33	W0775155.80	N3838.472	W07751.930
	MANNE	N390014.40	W0774113.17	N3900.240	W07741.220
	CFBPP	N385738.16	W0774112.78	N3857.636	W07741.213
	DORGE	N384900.07	W0773458.27	N3849.001	W07734.971
	GIGEY	N385336.58	W0773817.89	N3853.610	W07738.298
	RW16L	N384339.72	W0773107.59	N3843.662	W07731.127
	IHEF (LOC)	N384234.74	W0773020.88	N3842.579	W07730.348

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW16L	00192	58

QUALITY
1
CHECKED

CITY AND STATE
WASHINGTON, DC

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PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:
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U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

LOC STANDARD INSTRUMENT APPROACH PROCEDURE

FLIGHT STANDARDS SERVICES - FAR PART 97.25

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ARINC SUMMARY - 424-18 - LOC

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	MANNE	MANNE	010	IAP	IF		FB					
	MANNE	CFBPP	020		TF		FB				AA 03000	
	MANNE	GIGFY	030		CF		FB	160.6 ()		004.6	AA 03000	
		GIGFY	010	FACF	IF		FB				AA 03000	
		DORGE	020	FAF	CF		FB	161.0 ()		005.3	AA 02200	
		JUKIK	021	SDF	CF		FB	161.0 ()		002.7	AA 01300	
		RW16L	030	MAP	CF		FO	161.0 ()		003.4	AT 00250	

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE	SPEED
		040		CA		FB		160.6 ()		AA 00700	
	CSN	050		DF	R	FO				AA 03000	
	CSN	060		HM	L	FO		027.0 ()	T01.0	AA 03000	

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	JUKIK	N384637.62	W0773315.61	N3846.627	W07733.260
	RW16L	N384339.72	W0773107.59	N3843.662	W07731.127
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