

RNAV - STANDARD INSTRUMENT APPROACH PROCEDURE TITLE 14 CFR 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			LPV: DA LNAV/VNAV: DA LNAV: RW35 CLIMB TO 2600 DIRECT HOTTS AND HOLD. ADDITIONAL FLIGHT DATA: HOLD N, RT, 166.81 INBOUND. CHART FAS OBST: 881 TOWER 403834N/0911952W. CHART HOWARD WEST MOA.. DISTANCE TO THLD FROM 250 HAT: 0.65 NM. CHART VDP AT 1.24 NM TO RW35* *LNAV ONLY. WAAS CHANNEL # 70741 REFERENCE PATH ID: W35A CHART CIRCLING ICON. LTP HAE: 184.8 M							
BRL VOR/DME	ZONOL (TF) (FB) (RNP 2.00)			208.94 / 16.10			2600										
LOAMY	LUGIF (TF) (FB) (RNP 2.00)			089.18 / 15.95			2600										
LUGIF (IAF)	DRIBS (NOPT) (TF) (FB) (RNP 1.00)			076.78 / 8.00			2600										
ZONOL (IAF)	DRIBS (NOPT) (TF) (FB) (RNP 1.00)			257.00 / 8.00			2600										
DRIBS (IF/IAF) (SEE FORM 8260-10)	AWIRU (TF) (FB) (RNP 1.00)			346.89 / 6.90			2400										
1. PT _____ SIDE OF COURSE _____ OUTBOUND _____ FT WITHIN _____ MILES OF _____ (IAF) 2. HOLD S DRIBS, RT, 346.89 INBOUND, 2600 FT. IN LIEU OF PT (IAF) 3. FAC: 346.87 FAF: AWIRU DIST FAF TO MAP: 5.14 THLD: 5.14 4. MIN. ALT: DRIBS 2600, AWIRU 2400, FILLS/2.00 NM TO RW35 1400* 5. DIST TO THLD FROM OM: _____ MM: _____ IM: _____ 150 HAT: _____ 100 HAT: _____ GS ANT: _____ 6. MIN GS INCPT: 2400 GS ALT AT: AWIRU 2400 OM: _____ MM: _____ IM: _____ 7. GS ANGLE: 3.00 TCH: 50.0 20:1 IS CLEAR 34:1 IS CLEAR 8. MSA FROM: _____										MAG VAR: 0W		EPOCH YEAR: 2010					
MINIMUMS																	
TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT										ALTERNATE: N A		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		
LPV DA	972	1	250	972	1	250	972	1	250	972	1	250					
LNAV/VNAV DA	1158	1 1/4	436	1158	1 1/4	436	1158	1 1/4	436	1158	1 1/4	436					
LNAV MDA	1140	1	418	1140	1	418	1140	1 1/8	418	1140	1 1/8	418					
CIRCLING	1200	1	478	1200	1	478	1220	1 1/2	498	1500	2 1/2	778					
NOTES: CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -16C (4F) OR ABOVE 54C (130F). @ CAT D 800-2 1/2 CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVAL ON BRL VOR/DME AIRWAY RADIALS 127 CW 282. CHART PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT (VGSI ANGLE {ANGLE}/TCH {FEET}). PBN REQUIREMENTS NOTE: RNP APCH.																	
CITY AND STATE FORT MADISON, IA			ELEVATION: 722 TDZE: 722 AIRPORT NAME: FORT MADISON MUNI			FACILITY IDENTIFIER: RNAV		PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 35, AMDT 1 24 MAY 2018					SUP: AMDT: ORIG-C DATED 08/17/2017				

US DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION
RNAV - STANDARD
INSTRUMENT APPROACH PROCEDURE - TITLE 14 CFR PART 97.33

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TERMINAL ROUTES, (CONT.):

<u>FROM</u>	<u>TO</u>	<u>COURSE AND DISTANCE</u>	<u>ALTITUDE</u>
AWIRU (FAF)	FILLS/2.00 NM TO RW35 (TF) (FB) (RNP 0.30)	346.87 / 3.14	
FILLS/2.00 NM TO RW35	RW35 (MAP) (TF) (FO) (RNP 0.30)	346.87 / 2.00	
RW35 (MAP)	972 MSL (CA)	346.87	
972 MSL	HOTTS (DF) (FO) (RNP 1.00)		2600

TAA

	<u>FROM</u>	<u>TO</u>	<u>ALT</u>
1.	257/30 CW 077/30 257/15 CW 077/15 (NOPT)	257/15 CW 077/15 DRIBS (IF/IAF) (FB)	2700 2600
2.	077/30 CW 167/30 (NOPT)	LUGIF (IAF) (FB)	2600
3.	167/30 CW 257/30 (NOPT)	ZONOL (IAF) (FB)	2600

QUALITY
10
CHECKED

CITY AND STATE FORT MADISON, IA	ELEVATION: 722 AIRPORT NAME: FORT MADISON MUNI	TDZE: 722	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 35, AMDT 1 24 MAY 2018	SUP:
					AMDT: ORIG-C
					DATED: 08/17/2017

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

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

OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KFSW
RUNWAY	RW35
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W35A
LTP/FTP LATITUDE	403913.5280N
LTP/FTP LONGITUDE	0911933.9605W
LTP/FTP ELLIPSOIDAL HEIGHT	+01848
FPAP LATITUDE	404040.3470N
FPAP LONGITUDE	0912000.6030W
THRESHOLD CROSSING HEIGHT (TCH)	00050.0
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)	50.0

CRC REMAINDER

C76123A3

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K3
LTP ORTHOMETRIC HEIGHT	+02180
FPAP ORTHOMETRIC HEIGHT	+02180

QUALITY
10
CHECKED

CITY AND STATE

FORT MADISON, IA

ELEVATION: 722

TDZE: 722

AIRPORT NAME:

FORT MADISON MUNI

FACILITY
IDENTIFIER:

RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

RNAV (GPS) RWY 35, AMDT 1

24 MAY 2018

SUP:

AMDT:

DATED:

ORIG-C

08/17/2017