

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> 3Y3	<u>PROCEDURE NAME</u> RNAV (GPS) RWY 14	<u>ORIGINAL/AMENDMENT</u> 1A	<u>CITY</u> WINTERSET	<u>STATE</u> IA		
<u>AIRPORT ELEVATION</u> 1116	<u>TDZE</u> 1116	<u>SUPERSEDED</u> RNAV (GPS) RWY 14	<u>ORIGINAL/AMENDMENT</u> 1	<u>DATED</u> 01/08/2015	<u>MAG VAR</u> 2E	<u>EPOCH YEAR</u> 2010
<u>FACILITY</u> RNAV	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u> 12 AUGUST 2021	<u>REQUIRED EFFECTIVE DATE</u> ROUTINE	<u>CANCEL/SUSPEND</u>		

TAA

FROM	FIX TYPE	TO	FIX TYPE	ALTITUDE
1. 051/30 CW 231/30	NOPT	051/15 CW 231/15		4000
2. 051/15 CW 231/15		ZIKUP	IF/IAF	3000
3. 231/30 CW 051/30		231/15 CW 051/15		4000
4. 231/15 CW 051/15		ZIKUP	IAF	3000

TERMINAL ROUTES

FROM	FIX TYPE	TO	FIX TYPE	LEG TYPE	FO/FB	RNP	COURSE	DISTANCE	ALTITUDE
ZIKUP	IF/IAF	JOLUX		TF	FB	1.00	140.60	6.00	2700
JOLUX	FAF	RW14	MAP	TF	FO	0.30	140.66	4.85	
RW14	MAP	1516 MSL		CA			140.66		
1516 MSL		JUNUG		DF	FO	1.00			3000

MISSED APPROACH

MAP:

LNAV: RW14

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 3000 DIRECT JUNUG AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS:



PROFILE:

1. PT

SIDE OF COURSE

OUTBOUND

FT WITHIN

MILES OF

(IAF)

2. HOLD NW ZIKUP, RT, 140.60 INBOUND, 3000 FT. IN LIEU OF PT (IAF), MAX 6000.

3. FAF: 140.66FAF: JOLUXDIST FAF TO MAP: 4.85DIST FAF TO THLD: 4.85

4. MIN ALT: ZIKUP 3000, JOLUX 2700

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 CLEAR20:1: IS NOT CLEARTCH:

8. MSA FROM:

PBN REQUIREMENTS NOTE:

RNP APCH.

NOTES:

CHART NOTE: CIRCLING NA FOR CAT B SW OF RWY 14-32.
CHART NOTE: PROCEDURE NA AT NIGHT.
CHART NOTE: RWY 14 HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED.
CHART PROFILE NOTE: VGSI AND DESCENT ANGLES NOT COINCIDENT (VGSI ANGLE {ANGLE}/TCH {FEET}).
CHART NOTE: USE OSCEOLA ALTIMETER SETTING.

ADDITIONAL FLIGHT DATA:

CHART CIRCLING ICON
CHART OSCEOLA AWOS-3
HOLD SE, RT, 320.80 INBOUND.
FAS OBST: 1320 AAO 412518N/0940651W.
JOLUX TO RW14: 3.00/40.

MINIMUMS:

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

ALTERNATE: NA ☒

CATEGORY:	A			B			C			D			E		
FINAL TYPE	DA/MDA	VIS	HAT/HAA	DA/MDA	VIS	HAT/HAA	DA/MDA	VIS	HAT/HAA	DA/MDA	VIS	HAT/HAA	DA/MDA	VIS	HAT/HAA
LNAV MDA	1640	1	524	1640	1	524		NA			NA				
CIRCLING	1640	1	524	1700	1	584		NA			NA				



CHANGES - REASONS

1. ADDED "RNP APCH" TO PBN REQUIREMENTS NOTES - IAW 8260.19H, PARA 8-6-8B(1) AND MEMO 266 DATED 7/18/2018.
2. DELETED "CHART NOTE: DME/DME RNP-0.3 NA" - IAW 8260.19H, PARA 4-6-10E AND MEMO 266 DATED 7/18/2018.
3. ADDED 20:1 IS NOT CLEAR - VISUAL PENETRATIONS.
4. CHANGED PROFILE NOTE FROM VGSI AND DESCENT ANGLES NOT COINCIDENT TO VGSI AND DESCENT ANGLES NOT COINCIDENT (VGSI ANGLE {ANGLE}/TCH {FEET}) - FORMATTING UPDATED IAW 8260.19I PARA 8-6-9M2.
5. CHANGED FAS OBST FROM 1320 AAO 412522N/0940355W TO 1320 AAO 412518N/0940651W - NEW OBSTACLE EVALUATION.
6. ADDED CHART NOTE: CIRCLING NA FOR CAT B SW OF RWY 14-32 - FPT REQUEST TO AVOID RASING CIRCLING CAT B MINIMUMS.
7. RIASED LNAV CAT B VISIBILITY FROM 7/8 TO 1- NEW VISCHECK CALCULATIONS.
8. UPDATED HELICOPTER NOTE FROM HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED TO RWY 14 HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED - FORMATTING UPDATED IAW 8260.19I PARA 8-6-11K3.
9. CHANGED CHART NOTE FROM USE OSCEOLA ALTIMETER SETTING; WHEN NOT RECEIVED, USE DES MOINES ALTIMETER SETTING AND INCREASE ALL MDA 20 FEET TO USE OSCEOLA ALTIMETER SETTING AND MOVED ALL REFERENCE OF DES MOINES ALTIMETER SETTING TO -9 - LOCAL WEATHER TRANSMITTED ON WMSCR AND DEEMED RELIABLE.

COORDINATED WITH:

A4A ☐ **ALPA** ☒ **AOPA** ☒ **APA** ☐ **HAI** ☐ **NBAA** ☒ **OTHER:** DSM APP CON, ZMP, AMGR

FLIGHT CHECKED BY

ALEX KRAUSE

Digitally signed by
DAVID TEFFETELLER
May 06, 2021

OFFICE
FICO

DATE
05/04/2021

DEVELOPED BY

DAVID TEFFETELLER (GUY COPELAND)

Digitally signed by
DAVID TEFFETELLER
Jan 04, 2021

OFFICE
AJV-A433

DATE
11/03/2020

APPROVED BY

GEORGE DAVIS

Digitally signed by
DAVID TEFFETELLER
May 06, 2021

OFFICE
AJV-A430

DATE

TITLE
MANAGER

QUALITY
10
CHECKED