

**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> KCIR	<u>PROCEDURE NAME</u> RNAV (GPS) RWY 32	<u>ORIGINAL/AMENDMENT</u> ORIG-C	<u>CITY</u> CAIRO	<u>STATE</u> IL		
<u>AIRPORT ELEVATION</u> 322	<u>TDZE</u> 322	<u>SUPERSEDED</u> RNAV (GPS) RWY 32	<u>ORIGINAL/AMENDMENT</u> ORIG-B	<u>DATED</u> 04/27/2017	<u>MAG VAR</u> 0E	<u>EPOCH YEAR</u> 1995
<u>FACILITY</u> RNAV	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u> 7 OCTOBER 2021	<u>REQUIRED EFFECTIVE DATE</u> ROUTINE	<u>CANCEL/SUSPEND</u>		

TERMINAL ROUTES

<u>FROM</u>	<u>FIX TYPE</u>	<u>TO</u>	<u>FIX TYPE</u>	<u>LEG TYPE</u>	<u>FO/FB</u>	<u>RNP</u>	<u>COURSE</u>	<u>DISTANCE</u>	<u>ALTITUDE</u>
CNG VOR/DME	IAF	WIGNI	NOPT	TF	FB	1.00	238.25	12.46	3000
AHOYE	IAF	WIGNI	NOPT	TF	FB	1.00	332.70	9.90	3000
WIGNI	IF/IAF	CAGBI		TF	FB	1.00	321.51	6.26	2300
CAGBI	FAF	RW32	MAP	TF	FO	0.30	321.46	6.09	
RW32	MAP	722 MSL		CA			321.46		
722 MSL		ZIDPA		DF	FO	1.00			3000

MISSED APPROACH

MAP:

LNAV: RW32

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 3000 DIRECT ZIDPA AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS:



PROFILE:

1. PT

SIDE OF COURSE

OUTBOUND

FT WITHIN

MILES OF

(IAF)

2. HOLD SE WIGNI, RT, 321.51 INBOUND, 3000 FT. IN LIEU OF PT (IAF), MAX 6000.

3. FAC: 321.46FAF: CAGBIDIST FAF TO MAP: 6.09DIST FAF TO THLD: 6.09

4. MIN ALT: WIGNI 3000, CAGBI 2300

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 CLEARTCH:

8. MSA FROM: RW32 3500

PBN REQUIREMENTS NOTE:

RNP APCH - GPS.

NOTES:

CHART NOTE: CIRCLING RWY 14, 20 NA AT NIGHT.
CHART NOTE: RWY 32 HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVAL ON CNG VOR/DME AIRWAY RADIALS 240 CW 303.
CHART NOTE: STRAIGHT-IN RWY 32 AND CIRCLING RWY 32 NA AT NIGHT.

ADDITIONAL FLIGHT DATA:

HOLD NW, RT, 141.32 INBOUND.
CHART FAS OBST: 519 TOWER (17-003031) 370138N/0891121W.
CHART VDP AT 1.57 NM TO RW32.
CHART CIRCLING ICON.
CAGBI TO RW32: 3.00/40.

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	DA/MDA	VIS	HAT/HAA	DA/MDA	VIS	HAT/HAA	DA/MDA	VIS	HAT/HAA	DA/MDA	VIS	HAT/HAA
LNAV MDA	860	1	538	860	1	538	860	1 1/2	538		NA				
CIRCLING	860	1	538	900	1	578	1020	2	698		NA				



CHANGES - REASONS

1. DELETED FEEDER ROUTE FROM SNOWD - PER FPT REQUEST PENDING MAW VORTAC REMOVAL (VOR MON) AND V305 CANCELLATION.
2. ADDED "MAX 6000" TO PROFILE LINE 2 - IAW 8260.19I PARA 8-6-7.B (2).
3. ADDED "20:1: IS CLEAR" TO PROFILE LINE 7 - 20:1 PENETRATIONS NO LONGER EXIST/ IAW 8260.19I PARA 8-6-7.G (3).
4. DELETED "CHART NOTE: DME/DME RNP-0.3 NA" AND ADDED "RNP APCH - GPS" TO PBN REQUIREMENTS NOTE - IAW 8260.19I PARA 8-6-8.B (2).
5. MOVED ALL NOTES AND REFERENCES TO CAPE GIRARDEAU WOOD ALTIMETER SETTING FROM 8160-3 TO REMARKS FOR CONTINGENCY PURPOSES - WEATHER ON WMSCR.
6. CHANGED LNAV CAT C VISIBILITY DECREASED FROM 1 5/8 SM TO 1 1/2 SM - UPDATED VISCHECK RESULTS/ IAW 8260.3D, TABLE 3-3-1.
7. CHANGED CHART NOTE FROM HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED TO RWY 32 HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED. - 20:1 PENETRATIONS NO LONGER EXIST/ IAW 8260.19I, PARA 8-6-11.K (3).
8. CHANGED CHART NOTE FROM RWY 32 STRAIGHT-IN AND CIRCLING MINIMUMS NA AT NIGHT TO STRAIGHT-IN RWY 32 AND CIRCLING RWY 32 NA AT NIGHT. - IAW 8260.19I, PARA 8-6-11.O (2)(H) NOTE.
9. CHANGED CHART NOTE FROM CIRCLING TO RWY 14 AND RWY 20 NA AT NIGHT TO CIRCLING RWY 14, 20 NA AT NIGHT.. - IAW 8260.19I, PARA 8-6-11.O (2)(H) NOTE.
10. CHANGED CHART PLANVIEW NOTE FROM PROCEDURE NA FOR ARRIVAL ON CNG VOR/DME AIRWAY RADIALS 133 CW 303 TO PROCEDURE NA FOR ARRIVAL ON CNG VOR/DME AIRWAY RADIALS 240 CW 303.
11. CHANGED ADDITIONAL FLIGHT DATA CHART FAS OBSTACLE FROM 422 TOWER (17-006011) 370222N/0891133W TO 519 TOWER (17-003031) 3701380N/0891121W. - NEW FINAL CONTROLLING OBSTACLE.
12. CHANGED PROFILE LINE 4 MIN ALTITUDE FOR WIGNI FROM 2300 TO 3000. - CORRECTED ADMINISTRATIVE ERROR.
13. CHANGED FAS OBST FROM 542 TOWER TO 519 TOWER, NO CHANGE IN MDA. - UPDATED OBSTACLE SURVEY.
14. ADDED ADDITIONAL FLIGHT DATA NOTE: CHART VDP 1.57 NM TO RW32. - 20:1 PENETRATIONS NO LONGER EXIST.

COORDINATED WITH:

A4A ☐ **ALPA** ☒ **AOPA** ☒ **APA** ☐ **HAI** ☐ **NBAA** ☒ **OTHER:** ZME. AMGR

FLIGHT CHECKED BY

PROCESSED IAW AIRCRAFT OPERATIONS GROUP (AJF-1000) MEMO, DATED JUNE 4, 2020,
SUBJECT: FLIGHT INSPECTION OF NEW CONTROLLING OBSTACLES

Digitally signed by

DEVELOPED BY

DAVID TEFFETELLER (KATHERINE EUBANKS)

Digitally signed by

LONNIE EVERHART

Jun 14, 2021

LONNIE EVERHART

Jun 14, 2021

OFFICE**OFFICE**

AJV-A432

OFFICE

AJV-A430

DATE**DATE**

04/27/2021

DATE**APPROVED BY**

LONNIE EVERHART

Digitally signed by

LONNIE EVERHART

Jun 14, 2021

TITLE
MANAGER

QUALITY
16
CHECKED