

**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> KAEX	<u>PROCEDURE NAME</u> RNAV (GPS) RWY 14	<u>ORIGINAL/AMENDMENT</u> 1C	<u>CITY</u> ALEXANDRIA	<u>STATE</u> LA		
<u>AIRPORT ELEVATION</u> 88	<u>TDZE</u> 85	<u>SUPERSEDED</u> RNAV (GPS) RWY 14	<u>ORIGINAL/AMENDMENT</u> 1B	<u>DATED</u> 03/25/2021	<u>MAG VAR</u> 3E	<u>EPOCH YEAR</u> 1995
<u>FACILITY</u> RNAV	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u> 11 AUGUST 2022	<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>
AEX VORTAC		EBYAJ		TF	FO	1.00	322.33	18.70	3000
MUSHE		IBVUW		TF	FB	1.00	312.28	34.57	3000
NUBOY		IBHEJ		TF	FB	1.00	102.58	10.45	3000
IBVUW	IAF	EBYAJ	NOPT	TF	FB	1.00	230.93	5.00	3000
IBHEJ	IAF	EBYAJ	NOPT	TF	FB	1.00	050.85	5.00	3000
EBYAJ	IF/IAF	CROVE		TF	FB	1.00	140.89	7.86	1800
CROVE	FAF	CUBIP/2.00 NM TO RW14		TF	FB	0.30	140.94	3.14	
CUBIP/2.00 NM TO RW14		RW14	MAP	TF	FO	0.30	140.94	2.00	
RW14	MAP	346 MSL		CA			140.94		
346 MSL		EHHIR		DF	FB	1.00			
EHHIR		MUSHE		TF	FO	1.00	106.12	18.09	4000

MISSED APPROACH

MAP:

LPV: DA
LNAV/VNAV: DA
LNAV: RW14

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 4000 DIRECT EHHIR AND ON TRACK 106.12 TO MUSHE AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS:



PROFILE:

1. PT

SIDE OF COURSE

OUTBOUND

FT WITHIN

MILES OF

(IAF)

2. HOLD NW EBYAJ, RT, 140.89 INBOUND, 3000 FT. IN LIEU OF PT (IAF), MAX 6000.

3. FAF: 140.94FAF: CROVEDIST FAF TO MAP: 5.14DIST FAF TO THLD: 5.14

4. MIN ALT: EBYAJ 3000, CROVE 1800, CUBIP/2.00 NM TO RW14 780

5. DIST TO THLD FROM OM:MM:IM:150 HAT:261 HAT: 0.64GS ANT:

6. MIN GP INCPT: 1800GP ALT AT PFAF : CROVEOM:MM:IM:

7. GP ANGLE: 3.0034:1: IS CLEAR20:1: IS CLEARTCH: 55.5

8. MSA FROM: RW14 2800

PBN REQUIREMENTS NOTE:

RNP APCH - GPS.

NOTES:

CHART PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT (VGSI ANGLE {ANGLE}/TCH {FEET}).
CHART NOTE: FOR UNCOPMENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -15C OR ABOVE 48C
CHART NOTE: FOR INOPERATIVE ALS INCREASE LNAV CAT D VISIBLTY TO RVR 6000.
CHART NOTE: RADAR REQUIRED WHEN R-3801 A-B IN USE.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT AEX VORTAC ON V 212 EASTBOUND.

ADDITIONAL FLIGHT DATA:

HOLD E, RT, 286.30 INBOUND.
CHART FAS OBST: 206 TRANSMISSION_LINE (22-051244) 312122N/0923502W.
CHART R-3801 A,B.
CHART VDP AT 1.02 NM TO RW14.
WAAS CHANNEL # 56417
REFERENCE PATH ID: W14A
CHART CIRCLING ICON.
LTP HAE: -0.8 M

MINIMUMS:

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

ALTERNATE: NA ☐ STANDARD - CAT D 800-2 1/2, 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
LPV DA	346	2400	261	346	2400	261	346	2400	261	346	2400	261			
LNAV/VNAV DA	488	5000	403	488	5000	403	488	5000	403	488	5000	403			
LNAV MDA	480	2400	395	480	2400	395	480	2400	395	480	5000	395			
CIRCLING	540	1	452	560	1	472	700	1 3/4	612	860	2 1/2	772			



CHANGES - REASONS

1. INCORPORATED CHANGES 1A & 1B.
2. DELETED NOTE: DME/DME RNP-0.3 NA. -NO LONGER REQUIRED.
3. ADDED EQUIPMENT REQUIRE NOTE: RNP APCH - GPS.- IAW FAAO 8260.19I PARAGRAPH 8-6-8.
4. DELETED: ASTERISK CHART NOTE: RVR 1800 AUTHORIZED WITH USE OF FD OR AP OR HUD TO DA. - LPV HAT IS ABOVE 250.
5. ADDED 20:1 IS CLEAR TO PROFILE VIEW. - 20:1 STATUS REQUIRED.
6. CHANGED VERTICAL ALERT LIMIT FROM 35 TO 50 AND CRC REMAINDER FROM 0AE7D038 TO BDB9317F. - LPV HAT IS NOW ABOVE 250.
7. UPDATED LTP/FTP COORDINATES IN FAS DATA FROM: 312016.3600N/0923333.2200W TO: 312016.3585N/0923333.2165W. AND FPAP COORDINATES FROM 311901.0600N/0923229.4300W TO: 311901.5065/ 0923229.8030W - NEW DATA PULL AND TARGETS CALCULATION.
8. DELETED DEGREES F FROM BARO-VNAV NOTE. - DEGREES F NO LONGER REQUIRED.
9. RAISED LPV DA/HAT FROM 285/200 TO 346/261. - NEW LPV FINAL/MISSED APPROACH OBSTACLE.
10. ADDED MAX H-I-L ALTITUDE OF 6000 TO LINE 2 OF PROFILE VIEW. - MAX H-I-L NOW REQUIRED.
11. ADDED 261 DISTANCE OF 0.64 TO LINE 5 OF PROFILE VIEW. - IAW FAAO 8260.19I PARAGRAPH 8-6-7.
- 12.CHANGED FAS OBSTACLE FROM: 189 TREE 312053N/0923403W TO: 206 TRANSMISSION_LINE (22-051244) 312122N/0923502W. - NEW SURVEY.
13. CHANGED SALSR TO ALS IN INOPERATIVE NOTE: ALS NOW USED FOR ALL APPROACH LIGHTING SYSTEMS.
14. ADDED CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT AEX VORTAC ON V 212 EASTBOUND. - FAAO 8260.19I PARAGRAPH 8-2-5.
15. CHANGED CLIMB TO ALT IN CA LEG ROM 285 TO 346. - NEW LPV DA.

COORDINATED WITH:

A4A ☒ **ALPA** ☒ **AOPA** ☒ **APA** ☒ **HAI** ☐ **NBAA** ☒ **OTHER:** ZHU, AEX ATCT, POE APCH, ST AV DIR, APT MCR

FLIGHT CHECKED BY

DARRYL J WILSON

Digitally signed by

DAVID TEFFETELLER**OFFICE**

FPO

DATE

06/21/2022

Jun 24, 2022

DEVELOPED BY

LIAM DONAHUE

Digitally signed by

DAVID TEFFETELLER**OFFICE**

AJV-A431

DATE

03/19/2022

Jun 24, 2022

APPROVED BY

LONNIE EVERHART

Digitally signed by

DAVID TEFFETELLER**OFFICE**

AJV-A430

DATE

08/11/2022

Jun 24, 2022

TITLE

MANAGER



FAS DATA BLOCK INFORMATION

<u>DATA FIELD</u>	<u>DATA</u>
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KAEX
RUNWAY	RW14
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W14A
LTP/FTP LATITUDE	312016.3585N
LTP/FTP LONGITUDE	0923333.2165W
LTP/FTP ELLIPSOIDAL HEIGHT	-00008
FPAP LATITUDE	311901.5065N
FPAP LONGITUDE	0923229.8030W
THRESHOLD CROSSING HEIGHT (TCH)	00055.5
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	0016
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0
 CRC REMAINDER	 BDB9317F

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K4
LTP ORTHOMETRIC HEIGHT	+00255
FPAP ORTHOMETRIC HEIGHT	+00255

