

FEDERAL AVIATION ADMINISTRATION
FLIGHT STANDARDS SERVICE
VOR STANDARD INSTRUMENT APPROACH PROCEDURE
TITLE 14 CFR PART 97.23

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>	<u>PROCEDURE NAME</u>	<u>ORIGINAL/AMENDMENT</u>	<u>CITY</u>	<u>STATE</u>		
IPL	VOR-A	5	IMPERIAL	CA		
<u>AIRPORT ELEVATION</u>	<u>TDZE</u>	<u>SUPERSEDED</u>	<u>ORIGINAL/AMENDMENT</u>	<u>DATED</u>	<u>MAG VAR</u>	<u>EPOCH YEAR</u>
-54		VOR OR GPS-A	4C	04/21/2022	14E	1980
<u>FACILITY</u>	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u>	<u>REQUIRED EFFECTIVE DATE</u>	<u>CANCEL/SUSPEND</u>		
IPL		31 OCTOBER 2024	ROUTINE			

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>
ARGUS/IPL 10.00 DME	IF	IPL VORTAC	NOPT				254.31	10.00	1700

MISSED APPROACH

MAP:

5.78 NM AFTER IPL VORTAC OR AT MAJGY/IPL 5.78 DME

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 1100 THEN CLIMBING RIGHT TURN TO 2000 DIRECT IPL VORTAC AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS:

PROFILE:

- | | | | | | |
|--|-----------------|----------|-----------------------|----------|-------------------|
| 1. PT | SIDE OF COURSE | OUTBOUND | FT WITHIN | MILES OF | (IAF) |
| 2. HOLD E IPL VORTAC, RT, 254.31 INBOUND, 2000 FT. IN LIEU OF PT (IAF), MAX 32000. | | | | | |
| 3. FAC: 311.24 | FAF: IPL VORTAC | | DIST FAF TO MAP: 5.78 | | DIST FAF TO THLD: |
| 4. MIN ALT: IPL VORTAC 1700 | | | | | |
| 8. MSA FROM: IPL VORTAC 130-315 6800, 315-130 2400 | | | | | |

EQUIPMENT REQUIREMENTS NOTES:

DME REQUIRED FOR PROCEDURE ENTRY AT ARGUS.

NOTES:

CHART NOTE: CIRCLING TO RWY 32 NA AT NIGHT.
CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, PROCEDURE NA.

ADDITIONAL FLIGHT DATA:

CHART U.S. - MEXICAN BORDER

CHART FAS OBST: 245 ANTENNA (06-146065) 324824N/1153247W.



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
CIRCLING	500	1	554	500	1	554	560	1 3/4	614	560	2	614			

CHANGES - REASONS

1. PROCEDURE NAME CHANGED FROM "VOR OR GPS-A" TO "VOR-A" – FPT REQUEST; IAW MEMORANDUM DATED 25 AUG, 2000 TITLED "REMOVING "OR GPS" FROM PROCEDURE TITLES.
2. INCORPORATED P-NOTAM AMENDMENTS: AMDT 4A/ NOTAM 8/8271, AMDT 4B/ NOTAM 1/9434, AMDT 4C/ NOTAM 2/9141.
3. AIRPORT ELEVATION UPDATED FROM "-56" TO "-54" - PER 06/21/2018 AIRPORT SURVEY.
4. TERMINAL ROUTES: UPDATED ARGUS FIX TYPE FROM "IAF" TO "IF" – STAND-ALONE IF USED TO ALLOW NOPT TRANSITION TO FINAL APPROACH FROM ARGUS.
5. MAP: MAP CHANGED FROM "5.7 MILES AFTER IPL VORTAC OR AT 5.7 DME" TO "5.78 NM AFTER IPL VORTAC OR AT MAJGY/IPL 5.78 DME" – MAP LOCATION ADJUSTED TO BE CIRCLING ALIGNED PER FPT DIRECTION, NAMED FIX PREVIOUSLY ADDED BUT NOT DOCUMENTED.
6. MISSED APPROACH: CHANGED FROM "CLIMBING RIGHT TURN TO 2000 DIRECT IPL VORTAC AND HOLD" TO "CLIMB TO 1100 THEN CLIMBING RIGHT TURN TO 2000 DIRECT IPL VORTAC AND HOLD" – INSTRUCTIONS ADJUSTED PER FPT TO ELIMINATE CIH REQUIREMENT.
7. PROFILE LINE 2: ADDED "MAX 32000" - IAW 8260.19I PARA 8-6-7.B.(2).
8. PROFILE LINE 3: UPDATED FAC FROM "313" TO "311.24" – FPT DIRECTED CIRCLING ALIGNMENT WITH ARP IAW 8260.3E 5-2-4.A.(1).(B).
9. PROFILE LINE 3: UPDATED DIST FAF TO MAP FROM "5.70" TO "5.78" - MAP LOCATION ADJUSTED TO BE CIRCLING ALIGNED PER FPT DIRECTION.
10. PROFILE LINE 3: DELETED "DIST FAF TO THLD: 5.70" – N/A FOR CIRCLING ALIGNED PROCEDURES.
11. PROFILE LINE 8: UPDATED MSA SECTOR 130-315 FROM "6600" TO "6700" AND SECTOR 315-130 FROM "2200" TO "2300" – NEW CONTROLLING OBSTACLES DUE TO UPDATED TERRAIN DATA.
12. EQUIPMENT REQUIREMENTS NOTES: ADDED "DME REQUIRED FOR PROCEDURE ENTRY AT ARGUS" – IAW 8260.19I 8-6-8.A.(1); MODIFICATION MADE TO BETTER DESCRIBE ENTRY AT ARGUS, ENTRY AT IPL HILO-PT DOES NOT REQUIRE DME SO STANDARD NOTE DOES NOT APPLY.
13. NOTES: ADDED "CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, PROCEDURE NA" – IAW 8260.19I 8-6-9.F.(4); NO SUITABLE BACKUP ALTIMETER SOURCE EXISTS.
14. ADDITIONAL FLIGHT DATA: UPDATED CHART FAS OBST FROM "199 TWR 324828/1153221" TO "245 ANTENNA (06-146065) 324824N/1153247W" – NEW CONTROLLING OBSTACLE IN FINAL SEGMENT; FORMAT UPDATED.
15. ADDITIONAL FLIGHT DATA: DELETED "FAC ALIGNED TO RWY 32 THLD" - CHANGED TO "FAC AIMING AT ARP (325003.20N/1153443.50W)" AND MOVED TO -9 IN GENERAL REMARKS IAW 8260.19I 8-7-1.C.(9).
16. ADDITIONAL FLIGHT DATA: UPDATED NOTE FROM "DEPICT U.S. - MEXICAN BORDER" TO "CHART U.S. - MEXICAN BORDER" – IAW 8260.19I 8-6-10.
17. MINIMUMS: UPDATED CAT A AND B CMDA/HAA FROM "560/614" TO "500/554" – CMDA LOWERED PER FPT REQUEST AND UPDATED CONTROLLING OBSTACLES.

4/10/24: THIS IS AN UPDATED COPY OF THE FORM DEVELOPED ON 08/15/23.

1. PROFILE LINE 8: UPDATED MSA FROM "IPL VORTAC 130-315 6700, 315-130 2300" TO "IPL VORTAC 130-315 6800, 315-130 2400" - CONTROLLING OBSTACLE LOCATION, ELEVATION, AND ACCURACY CODE ADJUSTED FOR UPDATED DIGITAL TERRAIN MODEL IN EVALUATION SOFTWARE.



COORDINATED WITH:

A4A

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ALPA

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AOPA

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APA

☐

HAI

☐

NBAA

☒

OTHER: ZLA, SAN FSS, IPL AMGR

FLIGHT CHECKED BY

JEFFREY ECKMAN

OFFICE

FIOG

DATE

06/27/2024

Digitally signed by

ALLAN WILL

Sep 16, 2024

DEVELOPED BY

ALLAN WILL (COLIN CAMPBELL)

OFFICE

AJV-A423

DATE

08/15/2023

Digitally signed by

ALLAN WILL

Sep 16, 2024

APPROVED BY

ALLAN WILL

OFFICE

AJV-A423

DATE

07/11/2024

Digitally signed by

ALLAN WILL

Sep 16, 2024

TITLE

MANAGER

