

**FEDERAL AVIATION ADMINISTRATION
FLIGHT STANDARDS SERVICE
ILS STANDARD INSTRUMENT APPROACH PROCEDURE
TITLE 14 CFR PART 97.29**

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>		
LRD	ILS OR LOC RWY 18R	12A	LAREDO	TX		
<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SUPERSEDED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>
508	18R 504 18L 499	ILS OR LOC RWY 18R	12	02/01/2018	5E	2020
<u>FACILITY</u>	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u>	<u>REQUIRED EFFECTIVE DATE</u>	<u>CANCEL/SUSPEND</u>		
I-LRD			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>
LRD VORTAC		JINSA/I-LRD 7.00 DME	FAF/IAF				339.05	10.33	2300
IRICI/LRD 17.00 DME CCW	IAF	HEPRI/I-LRD 14.00 DME	NOPT				17.00 DME ARC (LRD LR-352)		2300
SAROY/LRD 17.00 DME CW	IAF	HEPRI/I-LRD 14.00 DME	NOPT				17.00 DME ARC (LRD LR-338)		2300
HEPRI/I-LRD 14.00 DME	IF	JINSA/I-LRD 7.00 DME					177.56 (I-LRD)	7.00	2300

MISSED APPROACH

MAP:

ILS: DA
LOC: I-LRD 1.54 DME

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 1100 THEN CLIMBING LEFT TURN TO 2500 DIRECT LRD VORTAC AND ON LRD VORTAC R-132 TO ELKOS/LRD 15.00 DME AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS:

PROFILE:

1. PT R	SIDE OF COURSE	357.56	OUTBOUND	2300	FT WITHIN	10	MILES OF	JINSA/I-LRD 7.00 DME (IAF)
2.								
3. FAC:	177.56	FAF:	JINSA/I-LRD 7.00 DME		DIST FAF TO MAP:		DIST FAF TO THLD:	5.46
4. MIN ALT:	JINSA/I-LRD 7.00 DME 2300, ICANU/I-LRD 3.74 DME 1260							
5. DIST TO THLD FROM OM:		MM:	IM:	150 HAT:	GS ANT:	1080		
6. MIN GS INCPT:	2300	GS ALT AT PFAF:	JINSA/I-LRD 7.00 DME 2300		OM:		MM:	IM:
7. GS ANGLE:	3.00	34:1:	20:1:	TCH:	56.5			
8. MSA FROM:	LRD VORTAC 2600							



EQUIPMENT REQUIREMENTS NOTES:

DME REQUIRED.

NOTES:

CHART PROFILE NOTE: VGSI AND ILS GLIDEPATH NOT COINCIDENT (VGSI ANGLE {ANGLE}/TCH {FEET}).
CHART NOTE: CIRCLING NA SW OF RWY 14 AND W OF RWY 36L.
CHART NOTE: FOR INOPERATIVE ALS, INCREASE S-ILS 18R CAT E VISIBILITY TO 3/4 SM AND INCREASE S-LOC 18R CAT C, D, AND E VISIBILITY TO 1 1/8 SM.
CHART PROFILE NOTE: USE I-LRD DME WHEN ON THE LOCALIZER COURSE.
CHART PLANVIEW NOTE: PROCEDURE TURN NA FOR CAT E.

ADDITIONAL FLIGHT DATA:

HOLD SE, RT, 312.00 INBOUND.
CHART FAS OBST: 653 TOWER (48-029701) 273533N/0992755W, 623 TREE (48-046442) 273555N/0992747W.
CHART 1142 TOWER (48-007960) 273907N/0992740W.
CHART VDP AT 2.68 DME.
DISTANCE VDP TO THLD 1.15 NM.
CHART LRD R-006 AT IRICI.
CHART LRD R-320 AT SAROY.
CHART CIRCLING ICON.

MINIMUMS:**TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT****ALTERNATE:** NA ☐ ILS: STANDARD - NA WHEN CONTROL TOWER CLOSED.; LOC: STANDARD - CAT D 800-2 1/4, CAT E 800-2 1/2, NA WHEN CONTROL TOWER CLOSED.

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
S-ILS 18R	704	1/2	200	704	1/2	200	704	1/2	200	704	1/2	200	704	1/2	200
S-LOC 18R	920	1/2	416	920	1/2	416	920	3/4	416	920	3/4	416	920	3/4	416
SIDESTEP 18L	920	1	421	920	1	421	920	1 1/2	421	920	2	421	920	2	421
CIRCLING	940	1	432	980	1	472	1100	1 1/2	592	1200	2 1/4	692	1200	2 1/2	692

CHANGES - REASONS

1. PROFILE LINE 1: CHANGED PROCEDURE TURN FT WITHIN FROM "15" TO "10" - PER FPT.
2. PROFILE LINE 4: REMOVED "*" FROM "1260" – NO LONGER REQUIRED PER CURRENT CRITERIA.
3. NOTES: DELETED CHART NOTE "DME REQUIRED" - IAW 8260.19J, 8-6-9.A(2)A.
4. NOTES: UPDATED FROM "FOR INOPERATIVE ALS, INCREASE S-ILS 18R CAT E VISIBILITY TO 3/4 SM AND INCREASE S-LOC 18R CAT C/D/E VISIBILITY TO 1 1/8 SM" TO "FOR INOPERATIVE ALS, INCREASE S-ILS 18R CAT E VISIBILITY TO 3/4 SM AND INCREASE S-LOC 18R CAT C, D, AND E VISIBILITY TO 1 1/8 SM" - IAW 8260.19J, 8-6-12.N(1)A(3).
5. NOTES: ADDED "CHART PLANVIEW NOTE: PROCEDURE TURN NA FOR CAT E" - PROCEDURE TURN CHANGED FROM 15 NM TO 10 NM PER FPT.
6. ADDITIONAL FLIGHT DATA: DELETED CHART PLANVIEW NOTE "DME REQUIRED" AND ADDED TO EQUIPMENT REQUIREMENTS NOTES - IAW 8260.19J, 8-6-9.A(2)A.
7. ADDITIONAL FLIGHT DATA: REMOVED "*LOC ONLY" - NO LONGER REQUIRED.
8. ADDITIONAL FLIGHT DATA: REMOVED "*" FROM "CHART VDP AT 2.68 DME*" - IAW 8260.19J, 8-6-10.M.
9. ADDITIONAL FLIGHT DATA: UPDATED FAS OBSTACLE 1142 TOWER LAT/LONG FROM "273916N/0992745W" TO "273907N/0992740W" - IAW 8260.19J, PARA 8-6-11.C & NEW OBSTACLE SURVEY DATA.



**FEDERAL AVIATION ADMINISTRATION
FLIGHT STANDARDS SERVICE
STANDARD INSTRUMENT APPROACH PROCEDURE DATA RECORD**

<u>AIRPORT ID</u>	<u>PROCEDURE NAME</u>	<u>AMDT NO.</u>	<u>CITY</u>	<u>STATE</u>	<u>AIRPORT ELEVATION</u>	<u>FACILITY</u>
LRD	ILS OR LOC RWY 18R	12A	LAREDO	TX	508	I-LRD

PART A: OBSTRUCTION DATA SEGMENTS

FEEDER

FROM LRD VORTAC **TO** JINSA/I-LRD 7.00 DME

<u>RNP</u>	<u>DISTANCE</u> 10.33	<u>PAT</u>	<u>MAP</u>			<u>HAT</u>			<u>HMAS</u>		
<u>OBSTRUCTION</u>	<u>COORDINATES</u>	<u>ELEV MSL</u>	<u>HORZ</u>	<u>VERT</u>	<u>AC</u>	<u>ROC</u>	<u>OCS</u>	<u>CG</u>	<u>CGTA</u>	<u>ADJUSTMENTS</u>	<u>MIN ALT</u>
AAO	273701.77N/0992711.21W	884	50	20	2C	1000				AT416	2300
TERRAIN	273701.77N/0992711.21W	664 (700)								AS1500	2200

COMPUTATIONS

ALT KIAS KTAS HAA VKTW TR BA DTA COURSE CHANGE DVEB VEB OCS RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

INITIAL: ARC

FROM IRICI/LRD 17.00 DME CCW **TO** HEPRI/I-LRD 14.00 DME

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>		<u>HAT</u>				<u>HMAS</u>		
<u>OBSTRUCTION</u>	<u>COORDINATES</u>	<u>ELEV MSL</u>	<u>HORZ</u>	<u>VERT</u>	<u>AC</u>	<u>ROC</u>	<u>OCS</u>	<u>CG</u>	<u>CGTA</u>	<u>ADJUSTMENTS</u>	<u>MIN ALT</u>
TOWER (48-000347)	274804.03N/0992738.13W	1171	100	20	3C	1000					2200
TERRAIN	274804.03N/0992738.13W	751 (800)								AS1500	2300

COMPUTATIONS

ALT KIAS KTAS HAA VKTW TR BA DTA COURSE CHANGE DVEB VEB OCS RF CENTER FIX/DISTANCE

SEGMENT REMARKS:



INITIAL: ARC

FROM

SAROY/LRD 17.00 DME CW

TO

HEPRI/I-LRD 14.00 DME

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>		<u>HAT</u>		<u>HMAS</u>				
<u>OBSTRUCTION</u>	<u>COORDINATES</u>	<u>ELEV MSL</u>	<u>HORZ</u>	<u>VERT</u>	<u>AC</u>	<u>ROC</u>	<u>OCS</u>	<u>CG</u>	<u>CGTA</u>	<u>ADJUSTMENTS</u>	<u>MIN ALT</u>
TOWER (48-000347)	274804.03N/0992738.13W	1171	100	20	3C	1000					2200
TERRAIN	274804.03N/0992738.13W	751 (800)								AS1500	2300

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

INTERMEDIATE

FROM

HEPRI/I-LRD 14.00 DME

TO

JINSA/I-LRD 7.00 DME

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>		<u>HAT</u>		<u>HMAS</u>				
	7.00										
<u>OBSTRUCTION</u>	<u>COORDINATES</u>	<u>ELEV MSL</u>	<u>HORZ</u>	<u>VERT</u>	<u>AC</u>	<u>ROC</u>	<u>OCS</u>	<u>CG</u>	<u>CGTA</u>	<u>ADJUSTMENTS</u>	<u>MIN ALT</u>
TOWER (48-007960)	273916.00N/0992745.00W	1142	500	50	5D	500				AT658	2300
TERRAIN	274333.00N/0992618.00W	732 (700)								AS1500	2200

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:



INTERMEDIATE: PT

FROM

10 NM

TO

JINSA/I-LRD 7.00 DME

<u>RNP</u>	<u>DISTANCE</u> 10.00	<u>PAT</u>	<u>MAP</u>				<u>HAT</u>	<u>HMAS</u>			
<u>OBSTRUCTION</u>	<u>COORDINATES</u>	<u>ELEV MSL</u>	<u>HORZ</u>	<u>VERT</u>	<u>AC</u>	<u>ROC</u>	<u>OCS</u>	<u>CG</u>	<u>CGTA</u>	<u>ADJUSTMENTS</u>	<u>MIN ALT</u>
TOWER (48-000347)	274804.50N/0992739.10W	1171	100	20	3C	500					1700
TERRAIN	274606.00N/0992951.00W	777 (800)								AS1500	2300

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

FINAL: ILS

FROM

JINSA/I-LRD 7.00 DME

TO

RW18R

<u>RNP</u>	<u>DISTANCE</u> 5.46	<u>PAT</u>	<u>MAP</u> DA	<u>HAT</u> 200	<u>HMAS</u>						
<u>OBSTRUCTION</u>	<u>COORDINATES</u>	<u>ELEV MSL</u>	<u>HORZ</u>	<u>VERT</u>	<u>AC</u>	<u>ROC</u>	<u>OCS</u>	<u>CG</u>	<u>CGTA</u>	<u>ADJUSTMENTS</u>	<u>MIN ALT</u>
							ASC				704

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:



FINAL: LOC

FROM

JINSA/I-LRD 7.00 DME

TO

ICANU/I-LRD 3.74 DME

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>			<u>HAT</u>			<u>HMAS</u>		
	3.26										
<u>OBSTRUCTION</u>	<u>COORDINATES</u>	<u>ELEV MSL</u>	<u>HORZ</u>	<u>VERT</u>	<u>AC</u>	<u>ROC</u>	<u>OCS</u>	<u>CG</u>	<u>CGTA</u>	<u>ADJUSTMENTS</u>	<u>MIN ALT</u>
AAO	273701.77N/0992711.21W	884	50	20	2C	250				DG126	1260

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

FINAL: LOC STEPDOWN

FROM

ICANU/I-LRD 3.74 DME

TO

I-LRD 1.54 DME

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>				<u>HAT</u>	<u>HMAS</u>			
	2.20		I-LRD 1.54 DME				416				
<u>OBSTRUCTION</u>	<u>COORDINATES</u>	<u>ELEV MSL</u>	<u>HORZ</u>	<u>VERT</u>	<u>AC</u>	<u>ROC</u>	<u>OCS</u>	<u>CG</u>	<u>CGTA</u>	<u>ADJUSTMENTS</u>	<u>MIN ALT</u>
TOWER (48-029701)	273532.91N/0992755.12W	653	20	3	1A	250					920

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

FINAL: LOC SIDESTEP

FROM

JINSA/I-LRD 7.00 DME

TO

ICANU/3.74 DME

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>			<u>HAT</u>			<u>HMAS</u>		
	3.26										
<u>OBSTRUCTION</u>	<u>COORDINATES</u>	<u>ELEV MSL</u>	<u>HORZ</u>	<u>VERT</u>	<u>AC</u>	<u>ROC</u>	<u>OCS</u>	<u>CG</u>	<u>CGTA</u>	<u>ADJUSTMENTS</u>	<u>MIN ALT</u>
AAO	273701.77N/0992711.21W	884	50	20	2C	250				DG126	1260

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:



FINAL: LOC SIDESTEP/STEPDOWN

FROM

ICANU/3.74 DME

TO

RW18L

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>				<u>HAT</u>	<u>HMAS</u>			
	2.20		RW18L				421				
<u>OBSTRUCTION</u>	<u>COORDINATES</u>	<u>ELEV MSL</u>	<u>HORZ</u>	<u>VERT</u>	<u>AC</u>	<u>ROC</u>	<u>OCS</u>	<u>CG</u>	<u>CGTA</u>	<u>ADJUSTMENTS</u>	<u>MIN ALT</u>
TREE (48-046442)	273554.93N/0992746.56W	623	20	3	1A	250				XP47	920

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

TO MATCH STRAIGHT-IN TO 18R

PROCEDURE TURN

FROM

JINSA/I-LRD 7.00 DME

TO

10 NM

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>				<u>HAT</u>	<u>HMAS</u>			
<u>OBSTRUCTION</u>	<u>COORDINATES</u>	<u>ELEV MSL</u>	<u>HORZ</u>	<u>VERT</u>	<u>AC</u>	<u>ROC</u>	<u>OCS</u>	<u>CG</u>	<u>CGTA</u>	<u>ADJUSTMENTS</u>	<u>MIN ALT</u>
TOWER (48-007718)	274956.00N/0992803.00W	1239	20	3	1A	1000					2300
TERRAIN	275300.00N/0992821.00W	833 (800)								AS1500	2300

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:



MISSED APPROACH: ILS

FROM

DA

TO

ELKOS/LRD 15.00 DME

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>		<u>HAT</u>		<u>HMAS</u>				
							535				
<u>OBSTRUCTION</u>	<u>COORDINATES</u>	<u>ELEV MSL</u>	<u>HORZ</u>	<u>VERT</u>	<u>AC</u>	<u>ROC</u>	<u>OCS</u>	<u>CG</u>	<u>CGTA</u>	<u>ADJUSTMENTS</u>	<u>MIN ALT</u>
							ASC				2500
TOWER (48-008149)	272118.11N/0991353.21W	1059	20	3	1A	1000					2100
TERRAIN	272712.00N/0992506.00W	637 (600)								AS1500	2100

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

MISSED APPROACH: LOC

FROM

I-LRD 1.54 DME

TO

ELKOS/LRD 15.00 DME

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>		<u>HAT</u>		<u>HMAS</u> 670				
<u>OBSTRUCTION</u>	<u>COORDINATES</u>	<u>ELEV MSL</u>	<u>HORZ</u>	<u>VERT</u>	<u>AC</u>	<u>ROC</u>	<u>OCS</u>	<u>CG</u>	<u>CGTA</u>	<u>ADJUSTMENTS</u>	<u>MIN ALT</u>
							ASC				2500
TOWER (48-008149)	272118.11N/0991353.21W	1059	20	3	1A	1000					2100
TERRAIN	272712.00N/0992506.00W	637 (600)								AS1500	2100

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:



AIRPORT ID

LRD

PROCEDURE NAME

ILS OR LOC RWY 18R

AMDT NO.

12A

CITY

LAREDO

STATE

TX

AIRPORT ELEVATION

508

FACILITY

I-LRD

CIRCLING

☒ ALL CATS

☒ CAT A

☒ CAT B

☒ CAT C

☒ CAT D

☒ CAT E

☐ NOT AUTHORIZED

OBSTRUCTION	COORDINATES	RADIUS	HAA	ELEV MSL	HORZ	VERT	AC	ROC	OCS	ADJUSTMENTS	MIN ALT
CATEGORY A											
POLE (48-031148)	273315.41N/0992715.19W	1.30	432	629	50	20	2C	300			940
CATEGORY B											
TANK (48-001664)	273417.28N/0992857.42W	1.82	472	667	20	3	1A	300			980
CATEGORY C											
TOWER (48-008354)	273313.00N/0992418.00W	2.86	592	747	500	50	5D	300		AC50	1100
CATEGORY D											
AAO	273701.77N/0992711.21W	3.74	692	884	50	20	2C	300			1200
CATEGORY E											
AAO	273701.77N/0992711.21W	4.68	692	884	50	20	2C	300			1200

CIRCLING REMARKS:

MSA

CENTER

LRD VORTAC

RADIUS

25

SECTOR	OBSTRUCTION	COORDINATES	BEARING	DISTANCE	ELEV MSL	HORZ	VERT	AC	ROC	OCS	ADJUSTMENTS	MIN ALT
360-360	TOWER (48-002487)	274023.00N/0993952.00W	303	17.6	1550	500	50	5D	1000			2600

MSA REMARKS:

NOTES/EXPLANATIONS FROM PROCEDURE SEGMENTS:



PART B: SUPPLEMENTAL DATA

COMMUNICATIONS WITH

LRD TOWER, ZHU ARTCC

<u>WX SERVICE</u>	<u>LOCATION</u>	<u>HRS OPERATION</u>	<u>ALTIMETER SOURCE</u>	<u>DISTANCE</u>	<u>WMSCR</u>	<u>ADJUSTMENTS</u>
AWOS-3PT	LRD	24	LRD	0	Y	0
<u>BACK-UP WX SERVICE</u>	<u>LOCATION</u>	<u>HRS OPERATION</u>	<u>ALTIMETER SOURCE</u>	<u>DISTANCE</u>	<u>WMSCR</u>	<u>ADJUSTMENTS</u>

WX REMARKS:

ALTERNATE ALTIMETER SETTING NOT REQUIRED. REDUNDANT WEATHER SOURCES AVAILABLE AT AIRPORT.

<u>PRIMARY NAVAID</u>	<u>MONITOR POINT</u>	<u>HRS OPERATION</u>	<u>CAT</u>
I-LRD	LRD ATCT	TOWER OPEN	1
		TOWER CLOSED	3

<u>APPROACH AND RUNWAY LIGHTING SYSTEM</u>	<u>RUNWAY MARKINGS</u>	<u>RUNWAY VISUAL RANGE</u>
RW14 - MIRL, VASI-4L	NPI-G	
RW18L - HIRL, PAPI-4L	NPI-G	
RW32 - MIRL, VASI-4L	NPI-G	
RW36R - HIRL	NPI-G	
RW18R - MALSR (PCL), HIRL, PAPI-4L	PIR-G	
RW36L - HIRL, PAPI-4L	PIR-G	

<u>GLIDESLOPE ANGLE</u>	<u>ELEV RWY THRESHOLD</u>	<u>TCH</u>	<u>ELEV GS ANTENNA</u>	<u>DISTANCE FROM RWY</u>	<u>VGSI ANGLE</u>	<u>TCH</u>
3.00	503.7	56.5		1080	3.00	50.2

FINAL APPROACH COURSE AIMING

RUNWAY THRESHOLD	☒	FT FROM THRESHOLD	DISPLACED THRESHOLD DISTANCE
ON CENTERLINE	☒	FT FROM CENTERLINE	

CRITICAL TEMPERATURES

<u>CRITICAL LOW</u>	<u>CRITICAL HIGH</u>	<u>ACT</u>	<u>APT ISA</u>
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CRITICAL TEMPERATURE REMARKS:

"VISUAL PORTION OF FINAL" PENETRATIONS



HELICOPTER 'VISUAL PORTION OF FINAL' PENETRATIONS

and/or

5280-FT "PROCEED VFR" SEGMENT LEVEL SURFACE AREA PENETRATIONS

PENETRATIONS REMARKS:

PART C: GENERAL REMARKS:

PRECIPITOUS TERRAIN EVALUATION COMPLETED.

CIRCLING NA WEST OF AIRPORT TO REMAIN CLEAR OF MEXICAN AIRSPACE.

50' VEGETATION USED.

ORDER 8260.3 CHAPTER 2 APPLIED TO 1142 TOWER (48-007960) 273907.42N/0992739.75W.

ORDER 8260.3, CHAPTER 2, NEW CIRCLING CRITERIA APPLIED.

PART D: AIRSPACE

DOCKET #

ALL DISTANCES TO 1/100NM; ELEVATION TO NEAREST 100 FEET; COORDINATES TO 1/100 SECOND; DEG TO 1/100 DEGREE

DISTANCE FROM	THLD	TO 1000FT POINT	3.58
WIDTH OF	FINAL	SEGMENT AT 1000FT POINT	0.99
TRUE COURSE OF	FINAL	SEGMENT CONTAINING 1000FT POINT	182.56
HIGH TERRAIN IN	FINAL	SEGMENT CONTAINING 1000FT POINT	700
DISTANCE FROM	THLD	TO 1500FT POINT	5.26
WIDTH OF	FINAL	SEGMENT AT 1500FT POINT	1.36
TRUE COURSE OF	FINAL	SEGMENT CONTAINING 1500FT POINT	182.56
HIGH TERRAIN IN	FINAL	SEGMENT CONTAINING 1500FT POINT	700

THRESHOLD COORDINATES (IF STR-IN)	273323.37N/0992744.71W
ARP COORDINATES	273239.10N/0992741.70W
RUNWAY APCH END AND DIST FURTHEST FROM ARP	RUNWAY 18L DISTANCE 0.74 NM
FAF COORDINATES	273851.74N/0992728.23W
FIX NAME COORDINATES	

REMARKS

NO ADDITIONAL AIRSPACE REQUIRED.

PART E: PREPARED BY

NAME	OFFICE	DATE	TITLE
ROBERT G HAMILTON (PHILLIP T. HILL)	AJV-A433	10/15/2024	AERONAUTICAL INFORMATION SPECIALIST