

**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.

AIRPORT ID ISM	PROCEDURE NAME ILS OR LOC RWY 15	ORIGINAL/AMENDMENT 1B	CITY ORLANDO	STATE FL
AIRPORT ELEVATION 82	TDZE 82	SUPERSEDED ILS OR LOC RWY 15	DATED 05/19/2022	MAG VAR 5W
FACILITY I-ISM	COORDINATES OF FACILITIES	ACTUAL EFFECTIVE DATE	REQUIRED EFFECTIVE DATE ROUTINE	EPOCH YEAR 2000
				CANCEL/SUSPEND

TERMINAL ROUTES

FROM	FIX TYPE	TO	FIX TYPE	LEG TYPE	FO/FB	RNP	COURSE	DISTANCE	ALTITUDE
WERPO INT/10.58 DME/RADAR	IF	WADSI INT/4.48 DME/RADAR					153.08 (I-ISM)	6.10	1200

MISSED APPROACH

MAP:

ILS: DA
LOC: 3.33 NM AFTER WADSI INT/4.48 DME/RADAR OR AT I-ISM 1.15 DME

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 600 THEN CLIMBING RIGHT TURN TO 2200 ON HEADING 240 AND ORL VORTAC R-200 TO TEMPE INT/ORL 28.00 DME AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS (DO NOT CHART):

CLIMB TO 600 THEN CLIMBING RIGHT TURN TO 2200 ON HEADING 190 AND ON LAL VORTAC R-074 TO TEMPE/LAL 27.37 DME AND HOLD. (DME OR RADAR REQUIRED).

PROFILE:

- PT
- PROFILE STARTS AT WERPO INT/10.58 DME/RADAR
- FAC:** 153.08 **FAF:** WADSI INT/4.48 DME/RADAR **DIST FAF TO MAP:** 3.33 **DIST FAF TO THLD:** 3.33
- MIN ALT:** WERPO INT/10.58 DME/RADAR 2000, WADSI INT/4.48 DME/RADAR 1200
- DIST TO THLD FROM OM:** **MM:** **IM:** **150 HAT:** **GS ANT:** 940
- MIN GS INCPT:** 1200 **GS ALT AT PFAF:** WADSI INT/4.48 DME/RADAR 1200 **OM:** **MM:** **IM:**
- GS ANGLE:** 3.00 **34:1:** **20:1:** **TCH:** 50.8
- MSA FROM:** ORL VORTAC 3000



EQUIPMENT REQUIREMENTS NOTES:

RADAR REQUIRED FOR PROCEDURE ENTRY.

NOTES:

CHART NOTE: VDP NA WHEN USING MCO ALTIMETER SETTING.
 CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE MCO ALTIMETER SETTING AND INCREASE S-ILS 15 DA TO 360 FEET; INCREASE ALL MDAS 40 FEET AND S-LOC 15 VISIBILITY CAT C/D 1/4 SM, AND CIRCLING VISIBILITY CAT C 1/4 SM.
 CHART NOTE: INOPERATIVE TABLE DOES NOT APPLY TO ILS ALL CATS.

ADDITIONAL FLIGHT DATA:

HOLD S, LT, 020.00 INBOUND.
 CHART IN PLANVIEW: ALTERNATE MA HOLDING, HOLD W TEMPE INT/28.00 DME, LT, 074.09 INBOUND.
 CHART FAS OBST: 227 BUILDING (12-095919) 282011N/0812850W.
 CHART 266 TOWER (12-004761) 282129N/0812856W.
 CHART VDP AT 2.19 DME.
 DISTANCE VDP TO THLD 1.04 NM.
 CHART IN PLANVIEW: TEMPE/LAL 27.37 DME/RADAR

MINIMUMS:

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

ALTERNATE: NA

<u>CATEGORY:</u>	<u>A</u>			<u>B</u>			<u>C</u>			<u>D</u>			<u>E</u>		
<u>FINAL TYPE</u>	<u>DA/MDA</u>	<u>VIS</u>	<u>HAT/HAA</u>	<u>DA/MDA</u>	<u>VIS</u>	<u>HAT/HAA</u>	<u>DA/MDA</u>	<u>VIS</u>	<u>HAT/HAA</u>	<u>DA/MDA</u>	<u>VIS</u>	<u>HAT/HAA</u>	<u>DA/MDA</u>	<u>VIS</u>	<u>HAT/HAA</u>
S-ILS 15	332	3/4	250	332	3/4	250	332	3/4	250	332	3/4	250			
S-LOC 15	460	3/4	378	460	3/4	378	460	3/4	378	460	3/4	378			
CIRCLING	680	1	598	680	1	598	680	1 1/2	598	700	2	618			



CHANGES - REASONS

1. INCORPORATED 2/1443 P-NOTAM AMDT 1A INTO FORM.
2. TERMINAL ROUTES: REMOVED ALL INSTANCES OF "ISM" – NO LONGER REQUIRED PER CRITERIA, DME AND FAC NAVIAD ARE THE SAME.
3. MAP: REMOVED "FIX" FROM LOC – NO LONGER REQUIRED PER CRITERIA
4. ALTERNATE MISSED APPROACH: REMOVED ", OR AS DIRECTED BY ATC. ALTERNATE MA:" – NO LONGER REQUIRED PER CRITERIA.
5. PROFILE LINE 2: CHANGED FROM "PROFILE STARTS AT WERPO" TO "PROFILE STARTS AT WERPO INT/10.58 DME/RADAR" – CURRENT DOCUMENTATION STANDARDS.
6. PROFILE LINE 4: CHANGED FROM "WERPO 2000, WADSI1200" TO "WERPO INT/10.58 DME/RADAR 2000, WADSI INT/4.48 DME/RADAR 1200" – CURRENT DOCUMENTATION STANDARDS.
7. PROFILE LINE 6: ADDED "1200" TO GS ALT AT PFAF – IAW 8260.19K, 8-6-7F(1).
8. EQUIPMENT REQUIREMENTS: ADDED "RADAR REQUIRED FOR PROCEDURE ENTRY" – IAW 8260.19K, 8-6-9.
9. NOTES: CHANGED FROM "CHART NOTE: VDP NA WITH ORLANDO INTL ALTIMETER SETTING" TO "CHART NOTE: VDP NA WHEN USING MCO ALTIMETER SETTING" – CURRENT DOCUMENTATION STANDARDS.
10. NOTES: CHANGED FROM "CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE ORLANDO INTL ALTIMETER SETTING AND INCREASE ALL DA TO 309 FT, AND ALL MDA 40 FT; INCREASE CIRCLING CAT C VISIBILITY 1/4 SM" TO "CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE MCO ALTIMETER SETTING AND INCREASE S-ILS 15 DA TO 360 FEET; INCREASE ALL MDAS 40 FEET AND S-LOC 15 VISIBILITY CAT C/D 1/4 SM, AND CIRCLING VISIBILITY CAT C 1/4 SM" – NEW OBSTACLE EVALUATION.
11. NOTES: ADDED "CHART NOTE: INOPERATIVE TABLE DOES NOT APPLY TO ILS ALL CATS" – IAW 8260.19K, 8-6-12O(3).
12. ADDITIONAL FLIGHT DATA: REMOVED (*) FROM "CHART VDP AT 2.13 DME*" – NO LONGER REQUIRED PER CRITERIA.
13. ADDITIONAL FLIGHT DATA: REMOVED "LOC ONLY" – NO LONGER REQUIRED PER CRITERIA.
1. ADDITIONAL FLIGHT DATA: CHANGED FROM "CHART VDP AT 2.13 DME*", DISTANCE VDP TO THLD 0.97 MILES" TO "CHART VDP AT 2.19 DME, DISTANCE VDP TO THLD 1.04 NM" – NEW OBSTACLE EVALUATION.
15. ADDITIONAL FLIGHT DATA: CHANGED FROM "294 AAO 282115N/0812920W" TO "CHART 266 TOWER (12-004761) 282129N/0812856W"- NEW OBSTACLE EVALUATION.
16. ADDITIONAL FLIGHT DATA: CHANGED FROM "CHART FAS OBST: 189 TREE 281849N/0812735W" TO "CHART FAS OBST: 227 BUILDING (12-095919) 282011N/0812850W" – NEW OBSTACLE EVALUATION.
17. ADDITIONAL FLIGHT DATA: ADDED "CHART IN PLANVIEW: TEMPE/LAL 27.37 DME/RADAR" – IAW 8260.19K, 8-6-6H(2).
18. ALTERNATE MINIMUMS: CHANGED FROM "ILS: STANDARD - NA WHEN LOCAL WEATHER NOT AVAILABLE.; LOC: STANDARD - NA WHEN LOCAL WEATHER NOT AVAILABLE" TO "NA" – PRIMARY FAC FACILITY MONITORING CATEGORY CHANGED FROM 1 TO 3, IAW 8260.19K, 2-4-6C, CANCELS FDC NOTAM 5/1859.
19. MINIMUMS: RAISED S-ILS 15 DA/HAT FROM "282/200" TO "332/250" – NEW OBSTACLE EVALUATION, CANCELS FDC NOTAM 5/5429.
20. IF THEY ARE MINIMUMS: RAISED S-LOC 15 MDA/HAT FROM "440/358" TO "460/378" – NEW OBSTACLE EVALUATION, CANCELS FDC NOTAM 5/5429.

COORDINATED WITH:

A4A
 ALPA
 AOPA
 APA
 HAI
 NBAA
 OTHER: ZJX, MCO APP CON, AMGR

FLIGHT CHECKED BY

ROBERT E WILLIAMS

Digitally signed by
CASIMIR L TABAKA
 Feb 23, 2026

OFFICE

AJF

DATE

02/19/2026

DEVELOPED BY

CASIMIR L. TABAKA (ROBERT A. SWINSON)

Digitally signed by
CASIMIR L TABAKA
 Feb 04, 2026

OFFICE

AJV-A432

DATE

12/02/2025

APPROVED BY

CASIMIR L. TABAKA

Digitally signed by
CASIMIR L TABAKA
 Feb 04, 2026

OFFICE

AJV-A432

DATE

TITLE
MANAGER



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

<u>AIRPORT ID</u> ISM	<u>PROCEDURE NAME</u> ILS OR LOC RWY 15	<u>AMDT NO.</u> 1B	<u>CITY</u> ORLANDO	<u>STATE</u> FL	<u>AIRPORT ELEVATION</u> 82	<u>FACILITY</u> I-ISM
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PART A: OBSTRUCTION DATA SEGMENTS

INTERMEDIATE

FROM WERPO INT/10.58 DME/RADAR	TO WADSI INT/4.48 DME/RADAR
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<u>RNP</u>	<u>DISTANCE</u> 6.10	<u>PAT</u>	<u>MAP</u>	<u>HAT</u>	<u>HMAS</u>
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OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
AMUSEMENT_PARK_STRUCTURE (12-113863)	282641.39N/0812812.65W	578	250	50	4D	500				AT122	1200
TERRAIN	282351.00N/0812918.00W	154 (200)								AS1000	1200

COMPUTATIONS

<u>ALT</u>	<u>KIAS</u>	<u>KTAS</u>	<u>HAA</u>	<u>VKTW</u>	<u>TR</u>	<u>BA</u>	<u>DTA</u>	<u>COURSE CHANGE</u>	<u>DVEB</u>	<u>VEB OCS</u>	<u>RF CENTER FIX/DISTANCE</u>
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SEGMENT REMARKS:

FINAL: ILS

FROM WADSI INT/4.48 DME/RADAR	TO RW15
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<u>RNP</u>	<u>DISTANCE</u> 3.33	<u>PAT</u>	<u>MAP</u> DA	<u>HAT</u> 250	<u>HMAS</u>
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OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
TREE (12-187536)	281757.84N/0812633.05W	115	20	3	1A		34.00:1				332

COMPUTATIONS

<u>ALT</u>	<u>KIAS</u>	<u>KTAS</u>	<u>HAA</u>	<u>VKTW</u>	<u>TR</u>	<u>BA</u>	<u>DTA</u>	<u>COURSE CHANGE</u>	<u>DVEB</u>	<u>VEB OCS</u>	<u>RF CENTER FIX/DISTANCE</u>
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SEGMENT REMARKS:



AIRPORT ID
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ILS OR LOC RWY 15

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1B

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ORLANDO

STATE
FL

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82

FACILITY
I-ISM

FINAL: LOC

FROM
WADSI INT/4.48 DME/RADAR

TO
3.33 NM AFTER WADSI INT/4.48 DME/RADAR OR AT I-ISM 1.15 DME

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>	<u>HAT</u>	<u>HMAS</u>
	3.33		3.33 NM AFTER WADSI INT/4.48 DME/RADAR OR AT I-ISM 1.15 DME	378	

<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>
BUILDING (12-095919)	282010.64N/0812850.44W	227	20	3	1A	250				SA-32	460

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
TEMPE INT/28.00 DME

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>	<u>HAT</u>	<u>HMAS</u>
					145

<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				2200
TOWER (12-002269)	280736.00N/0813302.00W	1133	500	50	5D	1000					2200
TERRAIN	281039.00N/0813351.00W	150 (200)								AS1500	1700

COMPUTATIONS

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

SEGMENT REMARKS:



MISSED APPROACH ALTERNATE: LOC

FROM
3.33 NM AFTER WADSI INT/4.48 DME/RADAR OR AT I-ISM 1.15 DME

TO
TEMPE INT/28.00 DME

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>		<u>HAT</u>	<u>HMAS</u> 310					
<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				2200
TOWER (12-001456)	280804.20N/0812230.40W	413	500	50	5D	1000					1500
TERRAIN	280933.00N/0812530.00W	150 (200)								AS1500	1700

COMPUTATIONS

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

SEGMENT REMARKS:

CIRCLING ALL CATS CAT A CAT B CAT C CAT D CAT E NOT AUTHORIZED

<u>OBSTRUCTION</u>	<u>COORDINATES</u>	<u>RADIUS</u>	<u>HAA</u>	<u>ELEV MSL</u>	<u>HORZ</u>	<u>VERT</u>	<u>AC</u>	<u>ROC</u>	<u>OCS</u>	<u>ADJUSTMENTS</u>	<u>MIN ALT</u>
CATEGORY A											
ANTENNA (12-187168)	281735.49N/0812429.30W	1.30	598	263	20	10	1B	300		XP100	680
CATEGORY B											
TOWER (12-001677)	281744.10N/0812417.50W	1.81	598	278	50	50	2D	300		AC50 XP40	680
CATEGORY C											
TOWER (12-000538)	282002.74N/0812421.34W	2.84	598	318	20	10	1B	300		XP60	680
CATEGORY D											
TOWER (12-140965)	281436.38N/0812917.53W	3.71	618	389	50	20	2C	300			700

CIRCLING REMARKS:

XP-100: TO MAINTAIN CURRENTLY PUBLISHED MINIMUMS.
 XP-40: TO MAINTAIN CURRENTLY PUBLISHED MINIMUMS.
 XP-60: TO MAINTAIN CURRENTLY PUBLISHED MINIMUMS.



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MSA

CENTER ORL VORTAC **RADIUS** 25

SECTOR	OBSTRUCTION	COORDINATES	BEARING	DISTANCE	ELEV MSL	HORZ	VERT	AC	ROC	OCS	ADJUSTMENTS	MIN ALT
360-360	TWR (12-004140)	281645.00N/0810124.00W	134	22.8	1949	50	20	2C	1000			3000

MSA REMARKS:

NOTES/EXPLANATIONS FROM PROCEDURE SEGMENTS:

PART B: SUPPLEMENTAL DATA

COMMUNICATIONS WITH

MCO APP CON, ISM TOWER

WX SERVICE AWOS-3PT	LOCATION ISM	HRS OPERATION 24	ALTIMETER SOURCE ISM	DISTANCE	WMSCR Y	ADJUSTMENTS 0
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BACK-UP WX SERVICE ASOS	LOCATION MCO	HRS OPERATION 24	ALTIMETER SOURCE MCO	DISTANCE 10.77	WMSCR Y	ADJUSTMENTS 28
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WX REMARKS:

RASS PRESSURE PATTERNS THE SAME
ISM 82, MCO 96
RA = 27.8.

PRIMARY NAVAID I-ISM	MONITOR POINT ATL OCC	HRS OPERATION 24	CAT 3
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APPROACH AND RUNWAY LIGHTING SYSTEM	RUNWAY MARKINGS	RUNWAY VISUAL RANGE
RW33 - MIRL (PCL), REIL (PCL), PAPI-4L (PCL)	NPI-F	
RW06 - REIL (PCL), MIRL (PCL), PAPI-4L (PCL)	NPI-G	
RW24 - MIRL (PCL), REIL (PCL), PAPI-4L (PCL)	NPI-G	
RW15 - MALSF (PCL), MIRL (PCL), PAPI-4L (PCL)	PIR-F	

GLIDESLOPE ANGLE 3.00	ELEV RWY THRESHOLD 79.8	TCH 50.8	ELEV GS ANTENNA 79.3	DISTANCE FROM RWY 940	VGSI ANGLE 3.00	TCH 49.3
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FINAL APPROACH COURSE AIMING

RUNWAY THRESHOLD	<input checked="" type="checkbox"/>	FT FROM THRESHOLD	DISPLACED THRESHOLD DISTANCE
ON CENTERLINE	<input checked="" type="checkbox"/>	FT FROM CENTERLINE	

CRITICAL TEMPERATURES

CRITICAL LOW	CRITICAL HIGH	ACT	APT ISA
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CRITICAL TEMPERATURE REMARKS:

"VISUAL PORTION OF FINAL" PENETRATIONS

PENETRATIONS REMARKS:

VGS PENETRATION INSTALLED IAW 8260.3G 2-6-6.A: 82 LIGHTING (12-187582).

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.

100 FT VEGETATION USED PER FTP.

ORDER 8260.3 CHAPTER 2 APPLIED TO 266 TOWER (12-004761) 282129.46N/0812855.62W.

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	3.04
WIDTH OF	FINAL	SEGMENT AT 1000FT POINT	0.88
TRUE COURSE OF	FINAL	SEGMENT CONTAINING 1000FT POINT	148.08
HIGH TERRAIN IN	FINAL	SEGMENT CONTAINING 1000FT POINT	100
DISTANCE FROM	THLD	TO 1500FT POINT	8.83
WIDTH OF	INTERMEDIATE	SEGMENT AT 1500FT POINT	4.00
TRUE COURSE OF	INTERMEDIATE	SEGMENT CONTAINING 1500FT POINT	148.08
HIGH TERRAIN IN	INTERMEDIATE	SEGMENT CONTAINING 1500FT POINT	200

THRESHOLD COORDINATES (IF STR-IN) 281746.49N/0812630.11W
ARP COORDINATES 281723.31N/0812613.49W
RUNWAY APCH END AND DIST FURTHEST FROM ARP RUNWAY 33 DISTANCE 0.53 NM
FAF COORDINATES 282036.38N/0812829.74W
FIX NAME COORDINATES

REMARKS

PART E: PREPARED BY

NAME
CASIMIR L. TABAKA (ROBERT A. SWINSON)

OFFICE
AJV-A432

DATE
12/02/2025

TITLE



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