

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> KMIA	<u>PROCEDURE NAME</u> ILS OR LOC RWY 12	<u>ORIGINAL/AMENDMENT</u> 5B	<u>CITY</u> MIAMI	<u>STATE</u> FL		
<u>AIRPORT ELEVATION</u> 9	<u>TDZE</u> 9	<u>SUPERSEDED</u> ILS OR LOC RWY 12	<u>ORIGINAL/AMENDMENT</u> 5A	<u>DATED</u> 12/18/2008	<u>MAG VAR</u> 5W	<u>EPOCH YEAR</u> 2000
<u>FACILITY</u> I-GEM	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u> 23 MARCH 2023	<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>
DHP VORTAC		GLRIA/I-GEM 16.75 DME/RADAR					308.80	12.95	3000
GLRIA/I-GEM 16.75 DME/RADAR	IF/IAF	PIANA/I-GEM 10.75 DME/RADAR					124.46	6.00 (I-GEM)	3000
PIANA/I-GEM 10.75 DME/RADAR		VEPCO/I-GEM 7.61 DME/RADAR					124.46	3.14 (I-GEM)	2000

MISSED APPROACH

MAP:

ILS: DA
 LOC: 5.98 NM AFTER VEPCO/I-GEM 7.61 DME/RADAR OR AT I-GEM 1.63 DME

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 800 THEN CLIMBING LEFT TURN TO 3000 DIRECT VKZ VOR/DME AND HOLD, CONTINUE CLIMB-IN-HOLD TO 3000.

ALTERNATE MISSED APPROACH INSTRUCTIONS (DO NOT CHART):

CLIMB TO 800 THEN CLIMBING LEFT TURN TO 3000 ON HEADING 270 AND DHP R-335 TO BRBRA INT/DHP 11.48 DME AND HOLD NW, RT, 154.68 INBOUND. (ADF OR DME REQUIRED.)

PROFILE:

- PT SIDE OF COURSE OUTBOUND FT WITHIN MILES OF (IAF)
- HOLD NW GLRIA, LT, 124.46 INBOUND, 3000 FT. IN LIEU OF PT (IAF), MAX 5000.
- FAC: 124.46 FAF: VEPCO/I-GEM 7.61 DME/RADAR DIST FAF TO MAP: 5.98 DIST FAF TO THLD: 5.98
- MIN ALT: GLRIA/I-GEM 16.75 DME/RADAR 3000, PIANA/I-GEM 10.75 DME/RADAR 3000, VEPCO/I-GEM 7.61 DME/RADAR 2000
- DIST TO THLD FROM OM: MM: IM: 150 HAT: GS ANT: 1100
- MIN GS INCPT: 2000 GS ALT AT PFAF: VEPCO/I-GEM 7.61 DME/RADAR 2000 OM: MM: IM:
- GS ANGLE: 3.00 34:1: 20:1: TCH: 56.4
- MSA FROM: DHP VORTAC 090-270 2900, 270-090 2100

QUALITY
16
CHECKED

EQUIPMENT REQUIREMENTS NOTES:

DME OR RADAR REQUIRED.

NOTES:

CHART NOTE: RWY 12 HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVAL ON DHP VORTAC AIRWAY RADIALS 248 CW 358.
CHART PROFILE NOTE: VGSI AND ILS GLIDEPATH NOT COINCIDENT (VGSI ANGLE {ANGLE}/TCH {FEET}).
CHART NOTE: FOR INOPERATIVE ALS, INCREASE S-ILS 12 ALL CATS VISIBILITY TO RVR 5500. INCREASE S-LOC 12 VISIBILITY CATS A/B TO RVR 5000 AND CATS C/D TO 1 5/8 SM.

ADDITIONAL FLIGHT DATA:

HOLD SE, LT, 300.00 INBOUND.
CHART IN PLANVIEW: ALTERNATE MA HOLDING, HOLD NW BRBRA/11.48 DME, RT, 154.68 INBOUND.
CHART FAS OBST: 311 BUILDING (12-143931) 254910N/0802005W.
CHART VDP AT 3.19 DME.
DISTANCE VDP TO THLD 1.56 NM.
CHART IN PLANVIEW: BRBRA/11.48 DME.

MINIMUMS:

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

ALTERNATE: NA ☐ ILS: STANDARD; LOC: STANDARD

<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 12	377	4000	368	377	4000	368	377	4000	368	377	4000	368			
S-LOC 12	580	4000	571	580	4000	571	580	1 1/4	571	580	1 1/4	571			

CHANGES - REASONS

- AIPIORT ELEVATION AND TDZE CHANGED FROM 8 TO 9 - UPDATED AIRNAV DATA
- ADDED "CONTINUE CLIMB-IN-HOLD TO 3000" TO MISSED APPROACH INSTRUCTIONS - UPDATED EVALUATION REQUIRED
- UPDATED HELICOPTER VISIBILITY NOTE FROM "VISIBILITY REDUCTION BY HELICOPTERS NA." TO "RWY 12 HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED." - 8260.19I
- CHANGED INOPERATIVE NOTE FROM "FOR INOPERATIVE MALSR, INCREASE S-ILS 12 ALL CATS VISIBILITY TO 1 1/4, INCREASE S-LOC 12 CATS A AND B VISIBILITY TO RVR 5000." TO "FOR INOPERATIVE ALS, INCREASE S-ILS 12 ALL CATS VISIBILITY TO RVR 5500. INCREASE S-LOC 12 VISIBILITY CATS A/B TO RVR 5000 AND CATS C/D TO 1 5/8 SM." - 8260.3E CALCULATIONS.
- MOVED "DME OR RADAR REQUIRED." TO EQUIPMENT REQUIREMENTS NOTE - 8260.19I.
- FAS OBSTACLE CHANGED FROM "166 TOWER 254939N/0802040W." TO "311 BUILDING (12-143931) 254910N/0802005W." - UPDATED EVALUATION.
- S-ILS DA CHANGED FROM "376" TO "377" ALL CATS - TDZE CHANGED FROM 8 TO 9.
- S-LOC MDA/HAT CHANGED FROM "560/552" TO "580/571" - TNOTAM FDC 2/3383 AND NEW CONTROLLING OBSTACLE.
- S-LOC CAT C VISIBILITY CHANGED FROM "5000", CAT D FROM "6000" TO CAT C/D 1 1/4 SM - 8260.3E CALCULATIONS.
- VDP CHANGED FROM "3.14 DME, 1.51 NM TO THLD" TO "3.19 DME, 1.56 TO THLD" - UPDATED EVALUATION FOR MDA INCREASE.
- TCH UPDATED FROM 55.6 TO 56.4 - AIRNAV DATA UPDATED



AIRPORT ID
KMIA

PROCEDURE NAME
ILS OR LOC RWY 12

ORIGINAL/AMENDMENT
5B

CITY
MIAMI

STATE
FL

COORDINATED WITH:

A4A ☒ ALPA ☒ AOPA ☒ APA ☒ HAI ☐ NBAA ☒ OTHER: ZMA, MIA ATCT, MIA AMGR

FLIGHT CHECKED BY

KEVIN RIESE

Digitally signed by

JASON KRETSCHMER

Jan 20, 2023

OFFICE

FPO

DATE

01/19/2023

DEVELOPED BY

CHARLES THIBODEAUX

Digitally signed by

CHARLES J THIBODEAUX

Nov 01, 2022

OFFICE

AJV-A421

DATE

10/13/2022

APPROVED BY

MARLON ROBINSON

Digitally signed by

JASON KRETSCHMER

Nov 28, 2022

OFFICE

AJV-A420

DATE

TITLE
MANAGER

