

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</u> MIAMI INTL	<u>AIRPORT ID</u> KMIA	<u>PROCEDURE NAME</u> ILS OR LOC RWY 9	<u>ORIGINAL/AMENDMENT</u> 10C	<u>CITY</u> MIAMI	<u>STATE</u> FL	
<u>AIRPORT ELEVATION</u> 9	<u>TDZE</u> 7	<u>SUPERSEDED</u> ILS OR LOC RWY 9	<u>ORIGINAL/AMENDMENT</u> 10B	<u>DATED</u> 01/03/2019	<u>MAG VAR</u> 5W	<u>EPOCH YEAR</u> 2000
<u>FACILITY</u> I-BUL	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u> 25 APRIL 2019	<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>
GRITT/I-BUL 11.11 DME/RADAR	IF	INESS/I-BUL 6.12 DME/RADAR					092.38	4.99 (I-BUL)	1500

MISSED APPROACH

MAP:

ILS: DA

LOC: 3.99 NM AFTER INESS/I-BUL 6.12 DME/RADAR OR AT I-BUL 2.13 DME

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 800 THEN CLIMBING RIGHT 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 RIGHT TURN TO 3000 ON DHP VORTAC R-109 TO ZOMGU/DHP 10.90 DME AND HOLD, CONTINUE CLIMB-IN-HOLD TO 3000. (DME REQUIRED)

PROFILE:

- PT SIDE OF COURSE OUTBOUND FT WITHIN MILES OF (IAF)
- PROFILE STARTS AT GRITT
- FAC: 092.38 FAF: INESS/I-BUL 6.12 DME/RADAR DIST FAF TO MAP: 3.99 DIST FAF TO THLD: 3.99
- MIN ALT: GRITT/I-BUL 11.11 DME/RADAR 3000, INESS/I-BUL 6.12 DME/RADAR 1500
- DIST TO THLD FROM OM: MM: IM: 150 HAT: GS ANT: 1071
- MIN GS INCPT: 1500 GS ALT AT FAF : OM: 1347 MM: IM:
- GP ANGLE: 3.00 34:1: 20:1: TCH: 56.0
- MSA FROM: DHP VORTAC 090-270 2900, 270-090 2100

EQUIPMENT REQUIREMENTS NOTES:

RADAR REQUIRED FOR PROCEDURE ENTRY.
DME REQUIRED FOR LOC ONLY.



NOTES:

CHART NOTE: AUTOPILOT COUPLED APPROACH NA.
CHART PROFILE NOTE: VGSI AND ILS GLIDEPATH NOT COINCIDENT (VGSI ANGLE {ANGLE}/TCH {FEET}).
CHART PLANVIEW NOTE: CAUTION: LIGHTS ON HIGHWAY 1/4 MILE SOUTH OF FINAL APPROACH COURSE MAY BE MISTAKEN FOR RUNWAY.
CHART NOTE: SIMULTANEOUS APPROACH AUTHORIZED.
CHART NOTE: FOR INOPERATIVE ALS, INCREASE S-ILS 9 CAT E VISIBILITY TO RVR 4000 AND S-LOC 9 CAT C/D VISIBILITY TO 1 3/8 SM.
CHART NOTE: **RVR 1800 AUTHORIZED WITH USE OF FD OR AP OR HUD TO DA.

ADDITIONAL FLIGHT DATA:

CHART IN PLANVIEW: ZOMGU/DHP 10.90 DME
CHART VDP AT 3.38 DME*
DISTANCE VDP TO THLD 1.25 NM
* LOC ONLY
FAS OBST: 214 AAO 254700N/0802233W.
CHART 271 TOWER 254623N/0802513W.
CHART IN PLANVIEW: ALTERNATE MA HOLDING, HOLD E ZOMGU/DHP 10.90 DME, LT, 289.22 INBOUND.
HOLD SE, LT, 300.00 INBOUND

MINIMUMS:

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

ALTERNATE: NA ☐ ILS: STANDARD; LOC: STANDARD

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 09**	207	2400	200	207	2400	200	207	2400	200	207	2400	200	207	2400	200
S-LOC 09	480	2400	473	480	2400	473	480	5000	473	480	5000	473		NA	

CHANGES - REASONS

1. LINE 6: ADDED ILS CHECK ALTITUDE OF 1347 - REQUIRED FOR VERTICALLY GUIDED PROCEDURE.

COORDINATED WITH:

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

FLIGHT CHECKED BY

PROCESSED IAW AIRCRAFT OPERATIONS GROUP (AJW-33) MEMO, OCTOBER 3, 2018, SUBJECT:
FLIGHT INSPECTION REVIEW NOT REQUIRED

OFFICE**DATE**

Digitally signed by

ROBERT G HAMILTON

Feb 04, 2019

DEVELOPED BY

GEORGETTE P. BARNETT

Digitally signed by

GEORGETTE P BARNETT

Jan 30, 2019

OFFICE

AJV-A422

DATE

01/29/2019

APPROVED BY

JULIE MORGAN

Digitally signed by

ROBERT G HAMILTON

Feb 04, 2019

OFFICE

AJV-A420

DATE

TITLE
MANAGER

QUALITY
4
CHECKED