

FEDERAL AVIATION ADMINISTRATION
FLIGHT STANDARDS SERVICE
RNAV (GPS) STANDARD INSTRUMENT APPROACH PROCEDURE
TITLE 14 CFR PART 97.33

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> HOLLY SPRINGS-MARSHALL COUNTY	<u>AIRPORT ID</u> KM41	<u>PROCEDURE NAME</u> RNAV (GPS) RWY 18	<u>ORIGINAL/AMENDMENT</u> ORIG-A	<u>CITY</u> HOLLY SPRINGS	<u>STATE</u> MS
<u>AIRPORT ELEVATION</u> 551	<u>TDZE</u> 548	<u>SUPERSEDED</u> RNAV (GPS) RWY 18	<u>ORIGINAL/AMENDMENT</u> ORIG	<u>DATED</u> 07/21/2016	<u>MAG VAR</u> 2W
<u>FACILITY</u> RNAV	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u> 8 NOVEMBER 2018	<u>REQUIRED EFFECTIVE DATE</u> ROUTINE	<u>CANCEL/SUSPEND</u>	<u>EPOCH YEAR</u> 2020

TAA

<u>FROM</u>	<u>FIX TYPE</u>	<u>TO</u>	<u>FIX TYPE</u>	<u>ALTITUDE</u>
1. 091/30 CW 271/30	NOPT	WUSAP	IF/IAF	3000
2. 271/30 CW 091/30	PT	WUSAP	IF/IAF	3000

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>
WUSAP	IF/IAF	CAVIK		TF	FB	1.00	181.07	8.00	2300
CAVIK	FAF	RW18	MAP	TF	FO	0.30	181.07	5.47	
RW18	MAP	1060 MSL		CA			181.07		1060
1060 MSL		WUSAP		DF	FO				3000

MISSED APPROACH

MAP:

LPV: DA
LNAV/VNAV: DA
LNAV: RW18

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 1060 THEN CLIMBING RIGHT TURN TO 3000 DIRECT WUSAP AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS:



PROFILE:

1. PT

SIDE OF COURSE

OUTBOUND

FT WITHIN

MILES OF (IAF)

2. HOLD N WUSAP, RT, 181.07 INBOUND, 3000 FT. IN LIEU OF PT (IAF), MAX 6000.

3. FAC: 181.07FAF: CAVIKDIST FAF TO MAP: 5.47DIST FAF TO THLD: 5.47

4. MIN ALT: WUSAP 3000, CAVIK 2300

5. DIST TO THLD FROM OM:MM:IM:150 HAT:310 HAT: 0.95GS ANT:

6. MIN GP INCPT: 2300GP ALT AT FAF : CAVIK 2300OM:MM:IM:

7. GP ANGLE: 3.0034:1: IS NOT CLEAR20:1: IS CLEARTCH: 40.0

8. MSA FROM:

PBN REQUIREMENTS NOTE:

RNP APCH.

NOTES:

CHART NOTE: RWY 18 HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED.
CHART NOTE: BARO-VNAV NA.
CHART PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT (VGSI ANGLE {ANGLE}/TCH {FEET}).
CHART NOTE: USE OLIVE BRANCH ALTIMETER SETTING; WHEN NOT RECEIVED, USE OXFORD ALTIMETER SETTING AND INCREASE LPV DA TO 870, AND ALL VISIBILITIES 1/8 SM; INCREASE LNAV/VNAV DA TO 957 AND ALL MDAS 20 FEET.

ADDITIONAL FLIGHT DATA:

CHART OLIVE BRANCH AWOS-3.
731 AAO 345349N/0893054W.
CHART CIRCLING ICON.
WAAS CHANNEL #58338
REFERENCE PATH ID: W18A
CHART FAS OBST: 704 TOWER 344856N/0893146W.
LTP HAE: 130 M

MINIMUMS:

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

ALTERNATE: NA ☒

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
LPV DA	858	1 1/8	310	858	1 1/8	310	858	1 1/8	310		NA				
LNAV/VNAV DA	945	1 1/2	397	945	1 1/2	397	945	1 1/2	397		NA				
LNAV MDA	1020	1	472	1020	1	472	1020	1 3/8	472		NA				
CIRCLING	1080	1	529	1100	1	549	1160	1 3/4	609		NA				



AIRPORT	AIRPORT ID	PROCEDURE NAME	ORIGINAL/AMENDMENT	CITY	STATE
HOLLY SPRINGS-MARSHALL COUNTY	KM41	RNAV (GPS) RWY 18	ORIG-A	HOLLY SPRINGS	MS

CHANGES - REASONS

- 1. REMOVED CHART NOTE: "DME/DME RNP-0.3 NA," - PER 8260.19H, PARA 4-6-10E.
- 2. ADDED PBN REQUIREMENTS NOTE: "RNP APCH," - PER 8260.19H, PARA .8-6-8(B)1.
- 3. LINE 7: POPULATED 20:1 BLOCK - PER 8260.19H, PARA 8-6-7.G3.
- 4. MISSED APPROACH INSTRUCTION: CHANGED CLIMB TO ALTITUDE FROM 1000 TO 1060 - UPDATED EVALUATION DATA; OBSTACLES AND OEA UNCHANGED FROM ORIGINAL PROCEDURE.
- 5. UPDATED VISIBILITIES CHART NOTE FORMAT FROM: "USE OLIVE BRANCH ALTIMETER SETTING; WHEN NOT RECEIVED, USE OXFORD ALTIMETER SETTING AND INCREASE LPV DA TO 870, LNAV/VNAV DA TO 957 AND ALL MDA 20 FEET; INCREASE LPV ALL CATS VISIBILITY 1/8 MILE" TO "USE OLIVE BRANCH ALTIMETER SETTING; WHEN NOT RECEIVED, USE OXFORD ALTIMETER SETTING AND INCREASE LPV DA TO 870, AND ALL VISIBILITIES 1/8 SM; INCREASE LNAV/VNAV DA TO 957 AND ALL MDAS 20 FEET - PER 8260.19H, PARA 8-6-11 N (1))A).
- 6. UPDATED HELICOPTER CHART NOTE FROM: "HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED" TO "RWY 18 HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED -PER 8260.19H, PARA 8-6-11 K (3).



COORDINATED WITH:

A4A ☐ **ALPA** ☒ **AOPA** ☒ **APA** ☐ **HAI** ☐ **NBAA** ☒ **OTHER:** ZME, MEM APP CON, AMGR

FLIGHT CHECKED BY

FLIGHT INSPECTION REVIEW NOT REQUIRED - PROCESSED IAW AIRCRAFT OPERATIONS GROUP (AJW-33) MEMO, DEC 22, 2017.

DEVELOPED BY

DAVID A. DOWLING

APPROVED BY

JULIE MORGAN

Digitally signed by
DAVID A DOWLING
Jul 24, 2018

OFFICE

OFFICE
AJV-5422

OFFICE

AJV-5420

DATE

DATE
06/25/2018

DATE

Digitally signed by
ROBERT G HAMILTON
Aug 20, 2018

Digitally signed by
ROBERT G HAMILTON
Aug 20, 2018

TITLE

MANAGER



FAS DATA BLOCK INFORMATION

<u>DATA FIELD</u>	<u>DATA</u>
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	M41
RUNWAY	RW18
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W18A
LTP/FTP LATITUDE	344831.4900N
LTP/FTP LONGITUDE	0893116.3185W
LTP/FTP ELLIPSOIDAL HEIGHT	+00130
FPAP LATITUDE	344702.2550N
FPAP LONGITUDE	0893114.5630W
THRESHOLD CROSSING HEIGHT (TCH)	00040.0
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	1776
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0

CRC REMAINDER	CC2C9713
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ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K7
LTP ORTHOMETRIC HEIGHT	+01575
FPAP ORTHOMETRIC HEIGHT	+01575

