

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> MOUNT AIRY/SURRY COUNTY	<u>AIRPORT ID</u> KMWK	<u>PROCEDURE NAME</u> RNAV (GPS) RWY 36	<u>ORIGINAL/AMENDMENT</u> 1A	<u>CITY</u> MOUNT AIRY	<u>STATE</u> NC	
<u>AIRPORT ELEVATION</u> 1269	<u>TDZE</u> 1228	<u>SUPERSEDED</u> RNAV (GPS) RWY 36	<u>ORIGINAL/AMENDMENT</u> 1	<u>DATED</u> 11/08/2018	<u>MAG VAR</u> 7W	<u>EPOCH YEAR</u> 1995
<u>FACILITY</u> RNAV	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u> 28 FEBRUARY 2019	<u>REQUIRED EFFECTIVE DATE</u> ROUTINE	<u>CANCEL/SUSPEND</u>		

TAA

<u>FROM</u>	<u>FIX TYPE</u>	<u>TO</u>	<u>FIX TYPE</u>	<u>ALTITUDE</u>
1. 270/30 CW 090/30	NOPT	270/10 CW 090/10		4800
2. 270/10 CW 090/10		ANDEI	IF/IAF	4000
3. 090/30 CW 180/30		090/7 CW 180/7		5800
4. 090/7 CW 180/7		FIFEE	IAF	4000
5. 180/30 CW 270/30		180/10 CW 270/10		5600
6. 180/10 CW 270/10		TALRR	IAF	4200

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>
FIFEE	IAF	ANDEI	NOPT	TF	FB	1.00	090.20	6.40	4000
TALRR	IAF	ANDEI	NOPT	TF	FB	1.00	270.36	6.40	4000
ANDEI	IF/IAF	BRNEE		TF	FB	1.00	000.28	5.92	3200
BRNEE	FAF	RW36	MAP	TF	FO	0.30	000.27	6.13	
RW36	MAP	1527 MSL		CA			000.27		
1527 MSL		GOMRR		DF	FO	1.00			5000



MISSED APPROACH

MAP:
LPV: DA
LNAV/VNAV: DA
LNAV: RW36

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 5000 DIRECT GOMRR AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS:

PROFILE:

1. PT	SIDE OF COURSE	OUTBOUND	FT WITHIN	MILES OF (IAF)					
2.	HOLD S ANDEI, RT, 000.28 INBOUND, 4000 FT. IN LIEU OF PT (IAF), MAX 6000.								
3. FAC:	000.27	FAF: BRNEE	DIST FAF TO MAP: 6.13	DIST FAF TO THLD: 6.13					
4. MIN ALT:	ANDEI 4000, BRNEE 3200								
5. DIST TO THLD FROM OM:	MM:	IM:	150 HAT:	299 HAT: 0.88	GS ANT:				
6. MIN GP INCPT: 3200	GP ALT AT FAF : BRNEE 3200			OM:	MM:		IM:		
7. GP ANGLE: 3.00	34:1:	IS NOT CLEAR	20:1:	IS CLEAR	TCH: 40.0				
8. MSA FROM:									

PBN REQUIREMENTS NOTE:

RNP APCH

NOTES:

CHART NOTE: RWY 36 HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED.
CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -17°C OR ABOVE 54°C.

ADDITIONAL FLIGHT DATA:

CHART CIRCLING ICON.
CHART VDP AT 1.23 NM TO RW36*
*LNAV ONLY
WAAS CHANNEL #99717
REFERENCE PATH ID: W36A
CHART FAS OBST: 1373 TREE 362654N/0803221W.
HOLD N, RT, 180.25 INBOUND
LTP HAE: 335.1 M



MINIMUMS:

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

ALTERNATE: NA ☐ STANDARD - CAT C 1000-2 3/4, CAT D 1100-3

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	1527	1	299	1527	1	299	1527	1	299	1527	1	299			
LNAV/VNAV DA	1637	1 1/8	409	1637	1 1/8	409	1637	1 1/8	409	1637	1 1/8	409			
LNAV MDA	1640	1	412	1640	1	412	1640	1 1/8	412	1640	1 1/8	412			
CIRCLING	1940	1	671	2040	1	771	2180	2 3/4	911	2340	3	1071			

CHANGES - REASONS

1. CAT B CIRCLING MDA CHANGED FROM 2020 TO 2040.

COORDINATED WITH:

A4A ☐ **ALPA** ☒ **AOPA** ☒ **APA** ☐ **HAI** ☐ **NBAA** ☒ **OTHER:** ZTL, GSO APP CON, AMGR

FLIGHT CHECKED BY

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

DEVELOPED BY

STEVEN M. BARNETT *Digitally signed by*
STEVEN M BARNETT
Nov 06, 2018

APPROVED BY

JULIE MORGAN

OFFICE

AJV-5422

OFFICE

AJV-5420

DATE

DATE

10/30/2018

DATE

Digitally signed by
ROBERT G HAMILTON
Nov 08, 2018

Digitally signed by
ROBERT G HAMILTON
Nov 08, 2018

TITLE
MANAGER



FAS DATA BLOCK INFORMATION

<u>DATA FIELD</u>	<u>DATA</u>
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KMWK
RUNWAY	RW36
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W36A
LTP/FTP LATITUDE	362713.9025N
LTP/FTP LONGITUDE	0803307.6060W
LTP/FTP ELLIPSOIDAL HEIGHT	+03351
FPAP LATITUDE	362842.5080N
FPAP LONGITUDE	0803320.5720W
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	1080
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0
CRC REMAINDER	ED87E3EE

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K7
LTP ORTHOMETRIC HEIGHT	+03684
FPAP ORTHOMETRIC HEIGHT	+03684

