

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 ID</u> 48K	<u>PROCEDURE NAME</u> RNAV (GPS) RWY 17	<u>ORIGINAL/AMENDMENT</u> ORIG	<u>CITY</u> NESS CITY	<u>STATE</u> KS		
<u>AIRPORT ELEVATION</u> 2322	<u>TDZE</u> 2322	<u>SUPERSEDED</u>	<u>ORIGINAL/AMENDMENT</u> NONE	<u>DATED</u>	<u>MAG VAR</u> 8E	<u>EPOCH YEAR</u> 1990
<u>FACILITY</u> RNAV	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u> 20 APRIL 2023	<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. 082/30 CW 262/30	NOPT	NESBY	IF/IAF	4400
2. 262/30 CW 082/30		NESBY	IF/IAF	4400

**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>
NESBY	IF/IAF	KAAYS		TF	FB	1.00	171.91	5.00	4000
KAAYS	FAF	RW17	MAP	TF	FO	0.30	171.91	5.14	
RW17	MAP	2653 MSL		CA			171.91		
2653 MSL		HABAT		DF	FO	1.00			4400

**MISSED APPROACH**

**MAP:**

LPV: DA  
LNAV/VNAV: DA  
LNAV: RW17

**MISSED APPROACH INSTRUCTIONS:**

CLIMB TO 4400 DIRECT HABAT AND HOLD.

**ALTERNATE MISSED APPROACH INSTRUCTIONS:**



PROFILE:

1. PT

SIDE OF COURSE

OUTBOUND

FT WITHIN

MILES OF

(IAF)

2. HOLD N NESBY, RT, 171.91 INBOUND, 4400 FT. IN LIEU OF PT (IAF), MAX 6400.

3. FAF:

171.91

FAF:

KAAYS

DIST FAF TO MAP:

5.14

DIST FAF TO THLD:

5.14

4. MIN ALT: NESBY 4400, KAAYS 4000

5. DIST TO THLD FROM OM:

MM:

IM:

150 HAT:

331 HAT:

0.91

GS ANT:

6. MIN GP INCPT:

4000

GP ALT AT PFAF :

KAAYS 4000

OM:

MM:

IM:

7. GP ANGLE:

3.00

34:1:

IS CLEAR

20:1:

IS CLEAR

TCH:

40.0

8. MSA FROM:

PBN REQUIREMENTS NOTE:

RNP APCH - GPS.

NOTES:

CHART NOTE: BARO-VNAV NA.

ADDITIONAL FLIGHT DATA:

CHART NOTE: USE HAYES REGIONAL ALTIMETER SETTING, WHEN NOT RECEIVED, USE HILL CITY ALTIMETER SETTING AND INCREASE LPV DA TO 2659 FEET, INCREASE LNAV/VNAV DA TO 2758 FEET, AND INCREASE ALL MDAS 20 FEET.  
CHART HAYES RGNL AWOS-3PT  
HOLD S, RT, 351.91 INBOUND.  
FAS OBST: 2689 AAO 383311N/0995518W.  
WAAS CHANNEL # 77944  
REFERENCE PATH ID: W17A  
LTP HAE: 681.7 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	2653	1	331	2653	1	331		NA			NA				
LNAV/VNAV DA	2752	1 1/4	430	2752	1 1/4	430		NA			NA				
LNAV MDA	3080	1	758	3080	1 1/4	758		NA			NA				
CIRCLING	3080	1	758	3140	1 1/4	818		NA			NA				

CHANGES - REASONS

ORIGINAL PROCEDURE



AIRPORT ID  
48K

PROCEDURE NAME  
RNAV (GPS) RWY 17

ORIGINAL/AMENDMENT  
ORIG

CITY  
NESS CITY

STATE  
KS

COORDINATED WITH:

A4A ☐ ALPA ☒ AOPA ☒ APA ☐ HAI ☐ NBAA ☒ OTHER: KZC, ZDV, AMGR

FLIGHT CHECKED BY

MICHAEL S MILLER

*Digitally signed by*  
**CASIMIR L TABAKA**  
Jan 13, 2023

OFFICE

FPO

DATE

01/12/2023

DEVELOPED BY

APRIL SARMENTO

*Digitally signed by*  
**APRIL T SARMENTO**

OFFICE

AJV-A432

DATE

10/12/2022

APPROVED BY

JOHNNIE BAKER

Nov 10, 2022

*Digitally signed by*  
**CASIMIR L TABAKA**  
Nov 18, 2022

OFFICE

AJV-A430

DATE

TITLE  
MANAGER

QUALITY  
20  
CHECKED

FAS DATA BLOCK INFORMATION

<u>DATA FIELD</u>	<u>DATA</u>
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	48K
RUNWAY	RW17
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W17A
LTP/FTP LATITUDE	382845.2920N
LTP/FTP LONGITUDE	0995432.8685W
LTP/FTP ELLIPSOIDAL HEIGHT	+06817
FPAP LATITUDE	382716.1005N
FPAP LONGITUDE	0995432.6840W
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	1528
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0
CRC REMAINDER	57B5552D

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K3
LTP ORTHOMETRIC HEIGHT	+07076
FPAP ORTHOMETRIC HEIGHT	+07076