Flight Procedure Tracking Form	Action: FLIGHT CHECK	Task Type: IAP	Date Open: 07/11/2009	Task #: 2009071119181003001	Request #: 20090711191810
Procedure: RNAV (GPS) RWY 24 AMDT 1		Airport ID: KVJI	Airport: VIRGINIA HIGHLANDS		Reimbursable #:
City: ABINGDON	ST: VA	GPS #:		Estimated Chart Date: 07/26/2012	FICO #: 1081890
Fac ID:	Fac. Type: LPV Proc-S	Specialist: ROSE BOONE			

Procedure Review

PI

	Rec'd	Rel'd	Full Name	Comments
Lead:	10/13/2011	07/05/2012	DONALD SMITH	
QA:	07/05/2012	07/05/2012	CASIMIR TABAKA	LPV
Liaison:	07/05/2012		K. Spurlin	RESUBMIT FAS CALCULATIONS 7/6/12

Procedure Comments: NON-ENROUTE

Remark Type: INFORMATION

PKG 1 of 1

ABINGDON, VA; VIRGINIA HIGHLANDS (KVJI); RNAV (GPS) RWY 24, AMDT 1 (LPV); ENROUTE-NO; FC: 8/7/12; PUB: 9/20/12

ATTACHED FORMS: 8260-3; 8260-10; 8260-9; 8260-2(S): AKQON-INT, REV 1; HOSED, REV 1; ILAYU, REV 1; IPUSE, ORIG; KURRU, REV 1; MIFJU-INT, REV 1; (INFO ONLY) GLADE SPRING (GZG) VDME, REV 4; HOLSTON MOUNTAIN (HMV) VTAC, REV 10; STOVE-INT, REV 12.

CONTACT: DON SMITH/MARLON ROBINSON-AJV-352 LEADS, 405.954.1036/405.954.3636.

WAAS	APP CRS	Rwy Idg	4471
CH 77827	241°	THRE	2087
W24A		Apt Elev	2087

RNAV (GPS) RWY 24

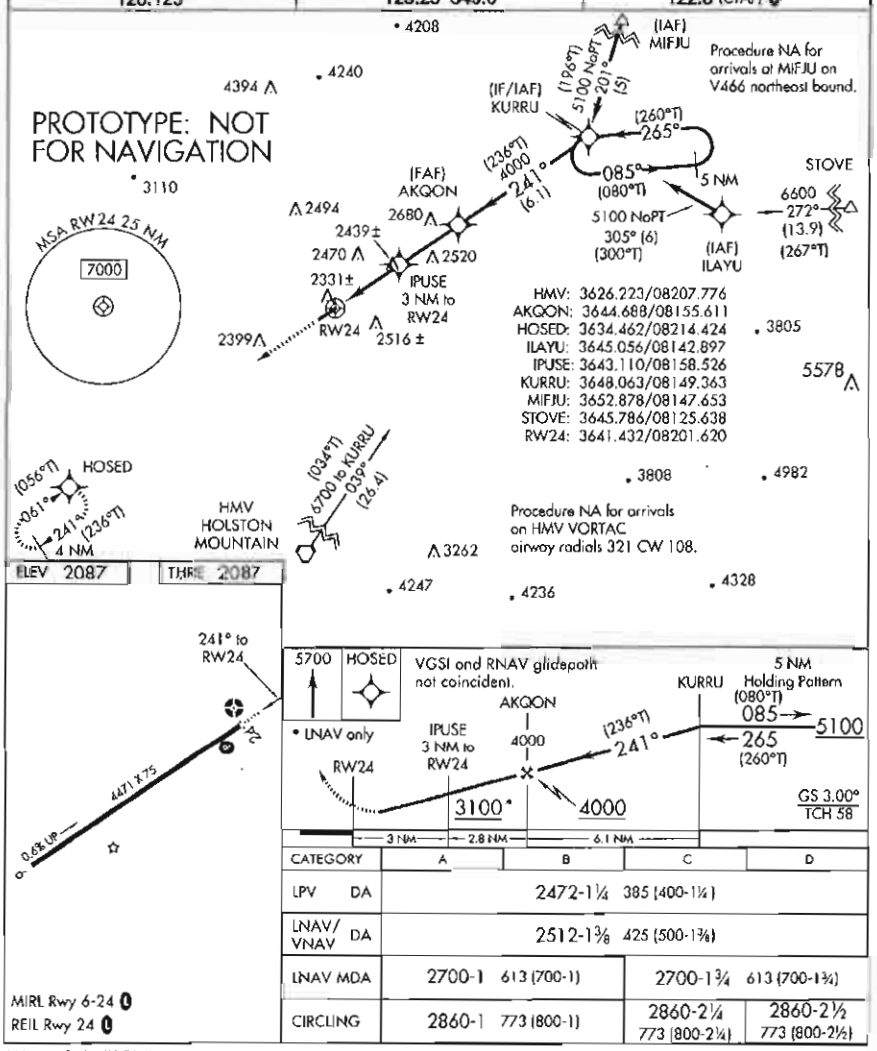
ABINGDON / VIRGINIA HIGHLANDS (VJI)

Inop table does not apply. For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -19°C (-2°F) or above 30°C (86°F). DME/DME RNP-0.3 NA. Visibility reduction by helicopters NA. When local altimeter setting not received, use Tri-Cities Rgnl TN/VA altimeter setting and increase all MDA 140 feet and all DA 131 feet; increase LNAV Cat B, Circling Cat A and B, and LPV all Cats visibility ¼ mile, increase LNAV and Circling Cat C and D visibility ⅝ mile, and LNAV/VNAV all Cats visibility ⅜ mile. Baro-VNAV NA when using Tri-Cities Rgnl TN/VA altimeter setting.

ODALS

MISSED APPROACH: Climb to 5700 direct HOSED and hold, continue climb-in-hold 5700.

AWOS-3	TRI-CITY APP CON *	UNICOM
128.125	125.25 349.0	122.8 (CTAF)

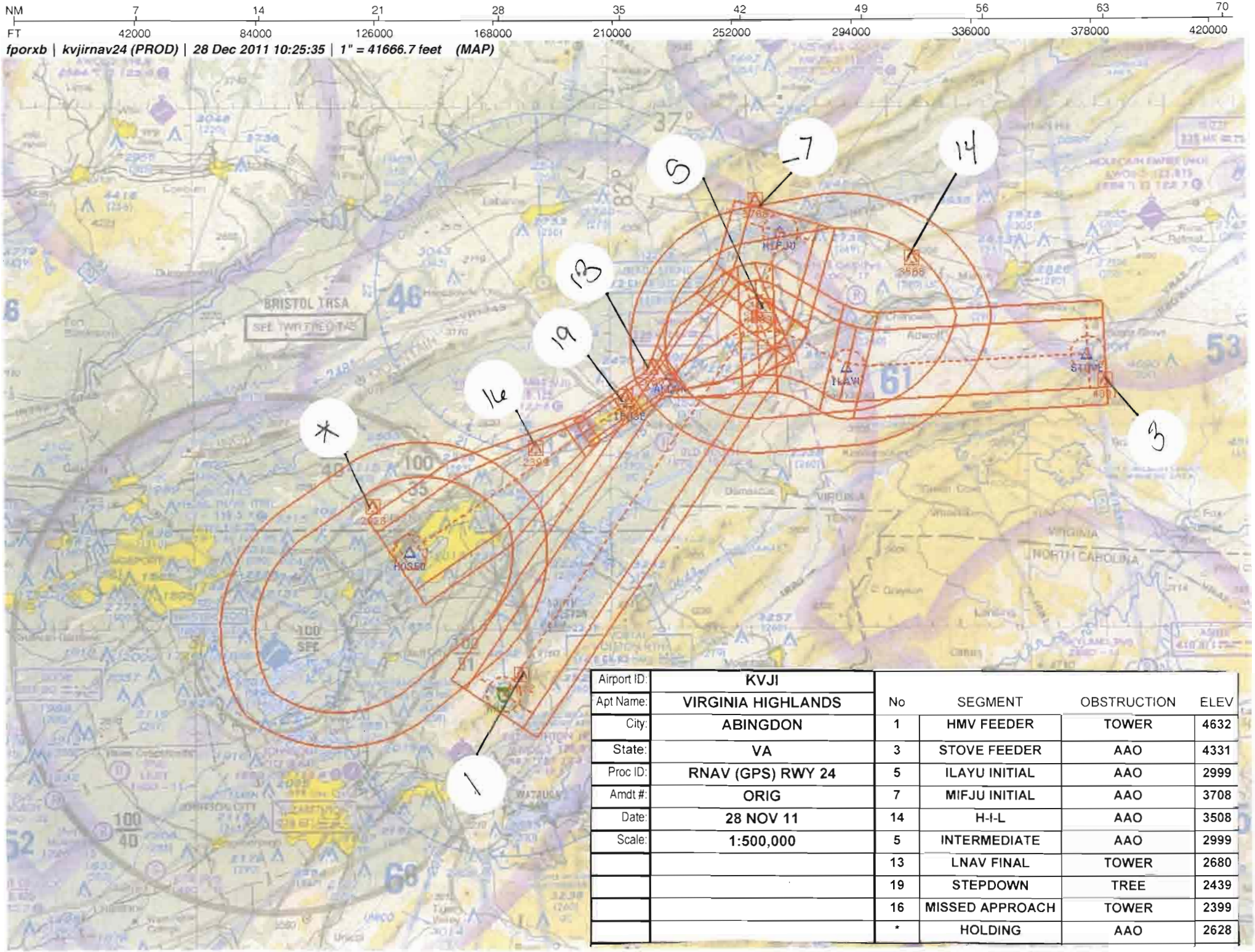


CATEGORY	A	B	C	D
LPV DA	2472-1¼ 385 (400-1¼)			
LNAV/VNAV DA	2512-1⅜ 425 (500-1⅜)			
LNAV MDA	2700-1 613 (700-1)		2700-1¾ 613 (700-1¾)	
CIRCLING	2860-1 773 (800-1)		2860-2¼ 773 (800-2¼)	2860-2½ 773 (800-2½)

MIRL Rwy 6-24
REIL Rwy 24

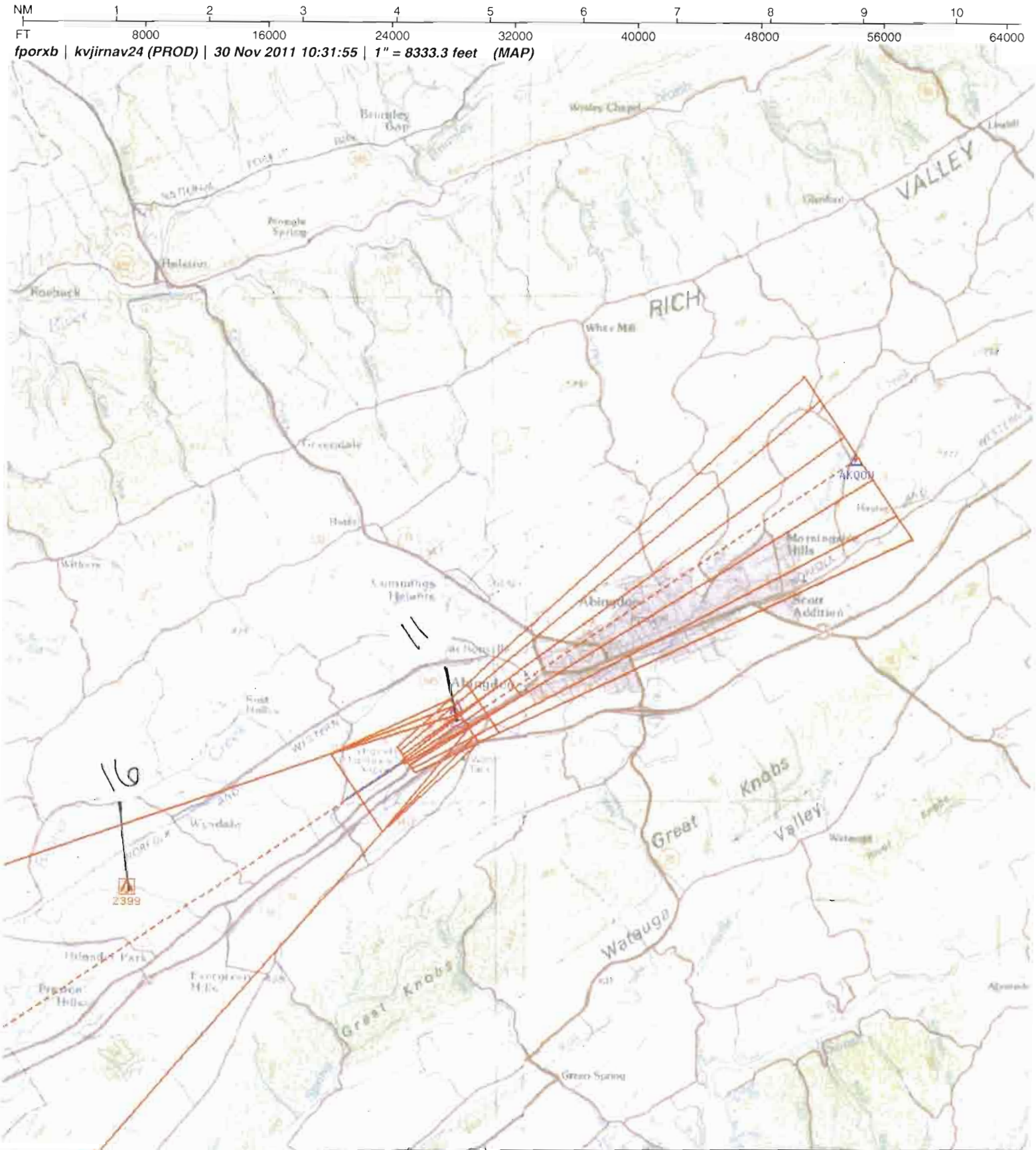
36°41'N-82°02'W

ABINGDON / VIRGINIA HIGHLANDS (VJI)
RNAV (GPS) RWY 24

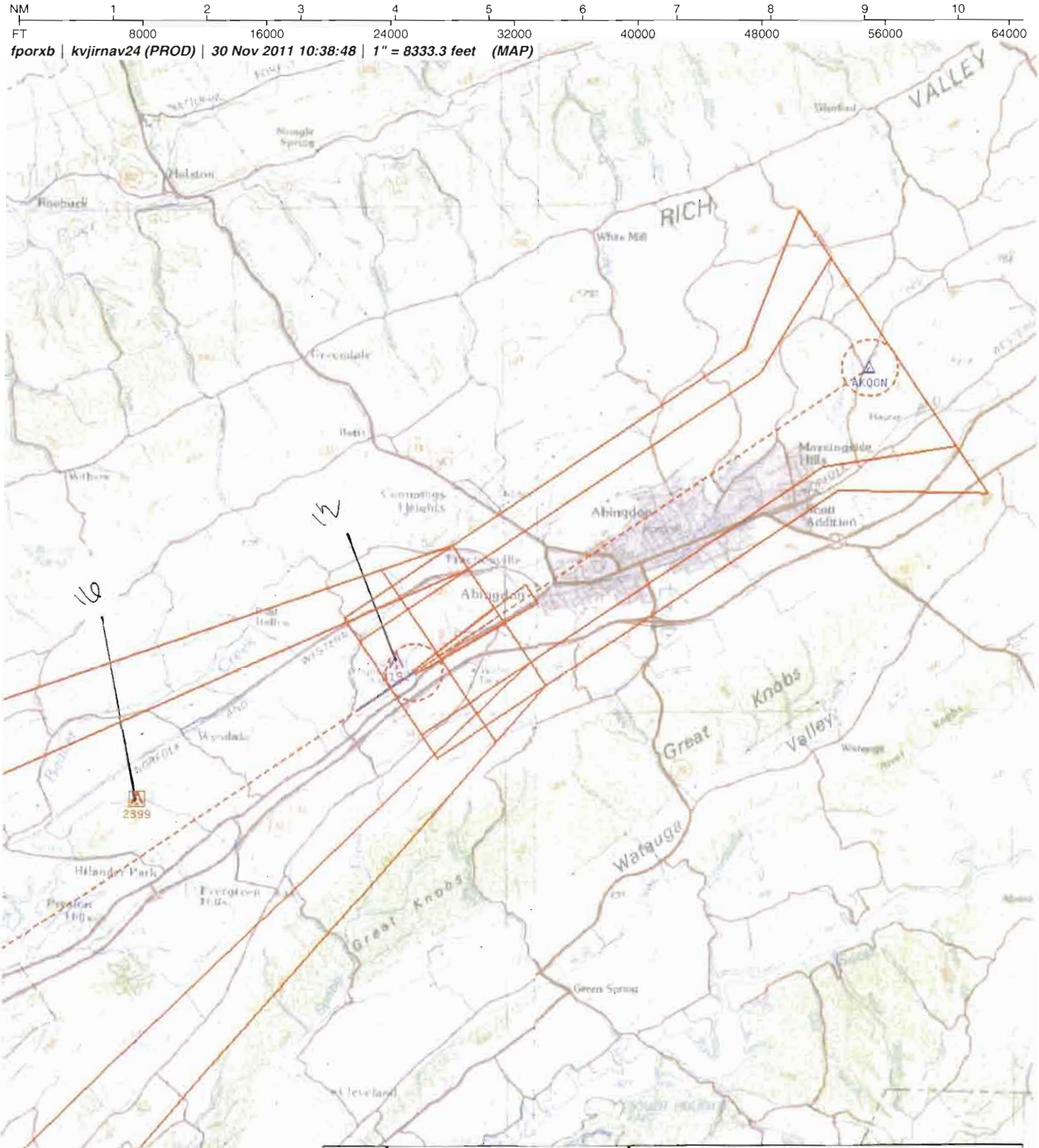


Airport ID:	KVJI
Apt Name:	VIRGINIA HIGHLANDS
City:	ABINGDON
State:	VA
Proc ID:	RNAV (GPS) RWY 24
Amdt #:	ORIG
Date:	28 NOV 11
Scale:	1:500,000

No	SEGMENT	OBSTRUCTION	ELEV
1	HMV FEEDER	TOWER	4632
3	STOVE FEEDER	AAO	4331
5	ILAYU INITIAL	AAO	2999
7	MIFJU INITIAL	AAO	3708
14	H-I-L	AAO	3508
5	INTERMEDIATE	AAO	2999
13	LNAV FINAL	TOWER	2680
19	STEPDOWN	TREE	2439
16	MISSED APPROACH	TOWER	2399
*	HOLDING	AAO	2628

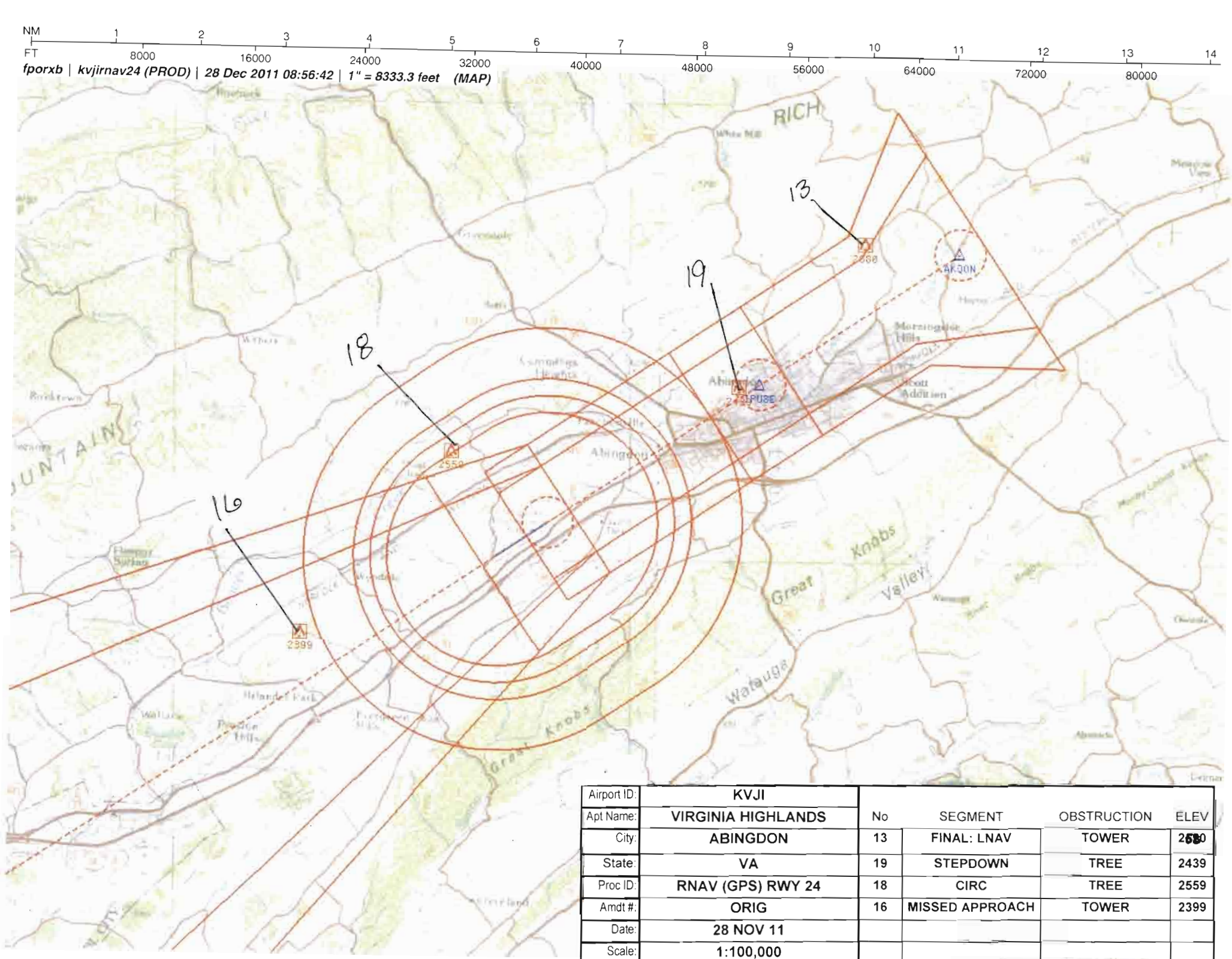


Airport ID:	KVJI				
Apt Name:	VIRGINIA HIGHLANDS	No	SEGMENT	OBSTRUCTION	ELEV
City:	ABINGDON	11	FINAL: LPV	TREE	2226
State:	VA	16	Miss	Tower	2399
Proc ID:	RNAV (GPS) RWY 24				
Amdt #:	ORIG				
Date:	28 NOV 11				
Scale:	1:100,000				



Airport ID:	KVJI
Apt Name:	VIRGINIA HIGHLANDS
City:	ABINGDON
State:	VA
Proc ID:	RNAV (GPS) RWY 24
Amdt #:	ORIG
Date:	28 NOV 11
Scale:	1:100,000

No	SEGMENT	OBSTRUCTION	ELEV
12	FINAL: LNAV/VNAV	TREE	2192
16	MISSED APPROACH	TOWER	2399



Airport ID:	KVJI
Apt Name:	VIRGINIA HIGHLANDS
City:	ABINGDON
State:	VA
Proc ID:	RNAV (GPS) RWY 24
Amdt #:	ORIG
Date:	28 NOV 11
Scale:	1:100,000

No	SEGMENT	OBSTRUCTION	ELEV
13	FINAL: LNAV	TOWER	2560
19	STEPDOWN	TREE	2439
18	CIRC	TREE	2559
16	MISSED APPROACH	TOWER	2399

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

RNAV - STANDARD INSTRUMENT APPROACH PROCEDURE TITLE 14 CFR PART 97.33

Bearings, headings, courses, 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 in feet RVR.

TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE
HMV VORTAC	KURRU (FO)	039.11 / 26.37	6700
STOVE	ILAYU (FB)	272.08 / 13.89	6600
ILAYU (IAF)	KURRU (NOPT) (FB)	305.06 / 6.00	5100
MIFJU (IAF)	KURRU (NOPT) (FB)	200.94 / 5.00	5100
KURRU (IF/IAF)	AKQON (FB)	241.15 / 6.05	4000
AKQON (FAF)	IPUSE/3.00 NM TO RW24 (FB)	241.09 / 2.82	
(SEE FORM 8260-10)			

MISSED APPROACH

LPV: DA
LNAV/VNAV: DA
LNAV: RW24

CLIMB TO 5700 DIRECT HOSED AND HOLD, CONTINUE CLIMB-IN-HOLD 5700.

1. PT ____ SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. HOLD E KURRU, LT, 265.00 INBOUND, 5100 FT. IN LIEU OF PT (IAF)
3. FAC: 241.09 FAF: AKQON DIST FAF TO MAP: 5.82 THLD: 5.82
4. MIN. ALT: KURRU 5100, AKQON 4000, IPUSE/3.00 NM TO RW24 3100*
5. DIST TO THLD FROM OM: ____ MM: ____ IM: ____ 150 HAT: ____ 100 HAT: ____ GS ANT: ____
6. MIN GS INCPT: 4000 GS ALT AT: AKQON 4000 OM: ____ MM: ____ IM: ____
7. GS ANGLE: 3.00 TCH: 58.0 34:1 IS NOT CLEAR
8. MSA FROM: RW24 7000

ADDITIONAL FLIGHT DATA:
HOLD SW, RT, 061.02 INBOUND.
CHART FAS OBST: 2331 TREE 364144N/0820159W
FAS OBST: 2439 TREE 364259N/0815850W
DISTANCE TO THLD FROM 385 HATH: 1.02 NM.
WAAS CHANNEL # 77827
REFERENCE PATH ID: W24A
LTP HAE: 605.3 M

MAG VAR: 5W EPOCH YEAR: 1995

MINIMUMS

TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT ALTERNATE: N A STANDARD @

CATEGORY =====>	A			B			C			D			E		
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
LPV DA	2472	1 1/4	385	2472	1 1/4	385	2472	1 1/4	385	2472	1 1/4	385			
LNAV/VNAV DA	2512	1 3/8	425	2512	1 3/8	425	2512	1 3/8	425	2512	1 3/8	425			
LNAV MDA	2700	1	613	2700	1	613	2700	1 3/4	613	2700	1 3/4	613			
CIRCLING	2860	1	773	2860	1	773	2860	2 1/4	773	2860	2 1/2	773			

NOTES:
CHART NOTE: INOPERATIVE TABLE DOES NOT APPLY.
CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -19C (-2F) OR ABOVE 30C (86F).
CHART NOTE: DME/DME RNP-0.3 NA.
CHART NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA.
(SEE FORM 8260-10)

@ NA WHEN LOCAL WEATHER NOT AVAILABLE.
@ CAT C 800-2 1/4, CAT D 2 1/2

CITY AND STATE	ELEVATION: 2087 THRE: 2087 AIRPORT NAME:	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP:
ABINGDON, VA	VIRGINIA HIGHLANDS	RNAV	RNAV (GPS) RWY 24, AMDT 1	AMDT: ORIG
				DATED 08/27/2009

ALL AFFECTED PROCEDURES REVIEWED?	COORDINATES OF FACILITIES	REQUIRED EFFECTIVE DATE
[ ] YES [X] NO		**ROUTINE**

COORDINATED WITH:

ATA	AAT	ALPA	APA	AOPA	NBAA	OTHER (specify)
[X]	[ ]	[X]	[ ]	[X]	[X]	[X] **ZTL, TRI CITY APP CON**

FLIGHT CHECKED BY

NAME:	FIFO	DATE:

DEVELOPED BY

NAME:	FIFO	DATE:
DONALD E. SMITH (ROSE BOONE)	**AJV-352**	**11/17/2011**

APPROVED BY

NAME:		FIFO	DATE:
DARRYEL ADAMS	**MANAGER**	**AJV-352**	

CHANGES:

1. CHANGED FINAL DISTANCE FROM 5.77 TO 5.82 .
2. CHANGED DECENT ANGLE AND TCH FROM 3.05/45 TO 3.00/58.
3. CHANGED CRS/DISTANCE FROM ILAYU TO KURRU FROM 321.23/6.00 TO 305.06/6.00.
4. CHANGED INTERMEDIATE DISTANCE FROM 6.10 TO 6.05.
5. ADDED H-I-L AT KURRU.
6. CHANGED MISSED APPROACH FROM CLIMB TO 5400 DIRECT FOSEK AND LEFT TURN VIA TRACK 124.80 TO TOBY AND VIA TRACK 054.70 TO ILAYU AND HOLD TO CLIMB TO 5700 DIRECT HOSED AND HOLD, CONTINUE CLIMB-IN-HOLD TO 5700.
7. CHANGED HMV VORTAC TO ILAYU TO HMV VORTAC TO KURRU.
8. CHANGED CRS/DISTANCE FROM STOVE TO ILAYU FROM 267.24/15.06 TO 272.08/13.89.
9. ADDED LPV AND LNAV/VNAV MINIMUMS.
10. CHANGED CHART PROFILE NOTE: VGSI AND DESCENT ANGLE NOT COINCIDENT TO VGSI AND RNAV GLIDEPATH NOT COINCIDENT.
11. CHANGED CHART NOTE: WHEN LOCAL ATIMETER SETTING NOT RECEIVED, USE TRI-CITIED RGNL ALTIMETER SETTING AND INCREASE ALL MDA 140 FEET; INCREASE LNAV CAT B AND CIRCLING CAT A VISIBILITY 1/4 MILE, INCREASE LNAV AND CIRCLING CAN C AND D VISIBILITY 1/2 MILE TO WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE TRI-CITIES RGNL TN/VA ALTIMETER SETTING AND INCREASE ALL MDA 140 FEET AND ALL DA 131 FEET; INCREASE LNAV CAT B, CIRCLING CAT A AND B, SEE 8260-10

REASONS:

1, 2. ESTABLISHED AS A PFAF IAW 8260.54A FORMULA 2-16B.
3, 4. IAW 8260.3B PARA 242(B)1.
5. TO ALLOW ARRIVAL FROM HMV VORTAC.
6, 9, 13. PER FPT.
7, 8. TO COMPLY WITH DTA CRITERIA.
10. IAW 8260.19D PARA 855 N(1).
11. ADDED LPV AND LNAV/VNAV MINS.
12. NEW CONTROLLING OBSTACLE AC.

02/08/2012: THIS IS AN UPDATED COPY OF A FORM DEVELOPED ON 11/17/2011:

1. CHANGED ALTERNATE MINIMUMS FROM: @, @ NA WHEN LOCAL WEATHER NOT AVAILABLE TO: STANDARD @, @ NA WHEN L0CAL WEATHER NOT AVAILABLE, @ CAT C 800-2 1/4, CAT D 800-2 1/2
2. REWORDED CHANGES 3 AND 6 AT FLIGHT INSPECTION REQUEST.

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TERMINAL ROUTES, (CONT.):

FROM	TO	COURSE AND DISTANCE	ALTITUDE
IPUSE/3.00 NM TO RW24	RW24 (MAP) (FO)	241.06 / 3.00	
RW24 (MAP)	2472 MSL	241.06	
2472 MSL	HOSED (FO)		5700

NOTES, (CONT.):

CHART PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT.
*LNAV ONLY
CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE TRI-CITIES RGNL TN/VA ALTIMETER SETTING AND INCREASE ALL MDA 140 FEET AND ALL DA 131 FEET; INCREASE LNAV CAT B, CIRCLING CAT A AND B, AND LPV ALL CATS VISIBILITY 1/4 MILE, INCREASE LNAV AND CIRCLING CAT C AND D VISIBILITY 5/8 MILE, AND LNAV/VNAV ALL CATS VISIBILITY 3/8 MILE.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS ON HMV VORTAC AIRWAY RADIALS 321 CW 108, AND ARRIVALS AT MIFJU ON V466 NORTHEAST BOUND.
CHART NOTE: BARO-VNAV NA WHEN USING TRI-CITIES RGNL TN/VA ALTIMETER SETTING.

QUALITY 4 CHECKED

CITY AND STATE	ELEVATION: 2087 THRE: 2087	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
ABINGDON, VA	AIRPORT NAME: VIRGINIA HIGHLANDS	RNAV	RNAV (GPS) RWY 24, AMDT 1	AMDT: ORIG
				DATED: 08/27/2009

ALL AFFECTED PROCEDURES REVIEWED?	COORDINATES OF FACILITIES	REQUIRED EFFECTIVE DATE
☐ YES ☐ NO		

COORDINATED WITH:

ATA ☐ AAT ☐ ALPA ☐ APA ☐ AOPA ☐ NBAA ☐ OTHER (specify) ☐ _____

FLIGHT CHECKED BY		
NAME:	FIFO	DATE:
DEVELOPED BY		
NAME:	FIFO	DATE:
APPROVED BY		
NAME:	FIFO	DATE:

CHANGES:

CHANGES CONT.
AND LPV ALL CATS VISIBILITY 1/4 MILE, INCREASE LNAV AND CIRCLING CAT C AND D VISIBILITY 5/8 MILE,
AND LNAV/VNAV ALL CATS VISIBILITY 3/8 MILE.
12. LOWERED LNAV MDA FROM 2800 TO 2700.
13. ADDED STEPDOWN. IPUSE/3.00 TO RW24

REASONS:

PDF EDIT:

ADDED FAF TO AKQON
REMOVED ALTITUDE FROM MISSED APPROACH LINE

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FAS DATA BLOCK INFORMATION

DATA FIELD	DATA
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KVJI
RUNWAY	RW24
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W24A
LTP/FTP LATITUDE	364125.9170N
LTP/FTP LONGITUDE	0820137.2190W
LTP/FTP ELLIPSOIDAL HEIGHT	+06053
FPAP LATITUDE	364036.0600N
FPAP LONGITUDE	0820309.0800W
THRESHOLD CROSSING HEIGHT (TCH)	00058.0
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	1384
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0
CRC REMAINDER	4948E2E2

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K6
LTP ORTHOMETRIC HEIGHT	+06362
FPAP ORTHOMETRIC HEIGHT	+06362

QUALITY 4 CHECKED

CITY AND STATE	ELEVATION: 2087 THRE: 2087	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
ABINGDON, VA	AIRPORT NAME: VIRGINIA HIGHLANDS	RNAV	RNAV (GPS) RWY 24, AMDT 1	AMDT: ORIG
				DATED: 08/27/2009

ALL AFFECTED PROCEDURES REVIEWED? ☐ YES ☐ NO	COORDINATES OF FACILITIES	REQUIRED EFFECTIVE DATE

COORDINATED WITH:

ATA ☐ AAT ☐ ALPA ☐ APA ☐ AOPA ☐ NBAA ☐ OTHER (specify) ☐ _____

FLIGHT CHECKED BY		
NAME:	FIFO	DATE:

DEVELOPED BY		
NAME:	FIFO	DATE:

APPROVED BY		
NAME:	FIFO	DATE:

CHANGES:

REASONS:

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION
RNAV (GPS) STANDARD INSTRUMENT APPROACH PROCEDURE
FLIGHT STANDARDS SERVICES - FAR PART 97.33

Bearings, headings, courses, 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 in feet RVR.

ARINC PACKET - 424-18 - RNAV (GPS)

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                 1         2         3         4         5         6         7         8         9         0         1         2         3
NAVAID  12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAD        HMV   K7011460VTL  N36261340W082074656    N36261340W082074656W0040043211     NARHOLSTON MOUNTAIN

                 1         2         3         4         5         6         7         8         9         0         1         2         3
WP      12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAEAENRT   AKQON K60    C     N36444126W081553668                      W0070     NAR           AKQON
        SUSAEAENRT   HOSED K70    W     N36342773W082142543                      W0067     NAR           HOSED
        SUSAEAENRT   ILAYU K60    W     N36450335W081425384                      W0071     NAR           ILAYU
        SUSAEAENRT   IPUSE K60    W     N36430659W081583155                      W0070     NAR           IPUSE
        SUSAEAENRT   KURRU K60    W     N36480376W081492178                      W0071     NAR           KURRU
        SUSAEAENRT   MIFJU K60    C   L N36525265W081473917                      W0071     NAR           MIFJU
        SUSAEAENRT   STOVE K60    R   L N36454715W081253830                      W0074     NAR           STOVE

                 1         2         3         4         5         6         7         8         9         0         1         2         3
AIRPORT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
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        SUSAP KVJIK6AVJI     0     044YHN36411357W082015998W005002087         1800018000C    MNAR    VIRGINIA HIGHLANDS

                 1         2         3         4         5         6         7         8         9         0         1         2         3
SEGMENT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KVJIK6FR24   AHMV   010HMV  K7D 0V       IF                                          18000                 A JS
        SUSAP KVJIK6FR24   AHMV   020KURRUK6EA0EY   020TF                    03910264    + 06700                          A JS
        SUSAP KVJIK6FR24   AHMV   030KURRUK6EA0EE AL   HF                    26500050    + 05100                          A JS
        SUSAP KVJIK6FR24   AMIFJU 010MIFJUK6EA0E  A    IF                                          18000                 A JS
        SUSAP KVJIK6FR24   AMIFJU 020KURRUK6EA0EE B 010TF                    20090050    + 05100                          A JS
        SUSAP KVJIK6FR24   ASTOVE 010STOVEK6EA0E       IF                                          18000                 A JS
        SUSAP KVJIK6FR24   ASTOVE 020ILAYUK6EA0E  A 020TF                    27210139    + 06600                          A JS
        SUSAP KVJIK6FR24   ASTOVE 030KURRUK6EA0EE B 010TF                    30510060    + 05100                          A JS
        SUSAP KVJIK6FR24   R      010KURRUK6EA0E  I    IF                                + 05100     18000                 A JS
        SUSAP KVJIK6FR24   R      020AKQONK6EA1E  F 051TF                    24120061    + 04000                 RW24  K6PGA JS
        SUSAP KVJIK6FR24   R      020AKQONK6EA2WALPV       ALNAV/VNAV ALNAV                                                  JS
        SUSAP KVJIK6FR24   R      021IPUSEK6EA0E S  031TF                    24110028    V 0310003101        -300          A JS
        SUSAP KVJIK6FR24   R      030RW24 K6PG0GY M 031TF                    24110030      02145             -300          A JS
        SUSAP KVJIK6FR24   R      040         0  M     CA                    2411        + 02472                          A JS
        SUSAP KVJIK6FR24   R      050HOSEDK7EA0EY      DF                                + 05700                          A JS
        SUSAP KVJIK6FR24   R      060HOSEDK7EA0EE  R   HM                    06100040    + 05700                          A JS

                 1         2         3         4         5         6         7         8         9         0         1         2         3
RUNWAY  12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
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QUALITY CHECKED

CITY AND STATE	ELEVATION: 2087 THRE: 2087	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
ABINGDON, VA	AIRPORT NAME: VIRGINIA HIGHLANDS	RNAV	RNAV (GPS) RWY 24, AMDT 1	AMDT: ORIG
				DATED: 08/27/2009

ALL AFFECTED PROCEDURES REVIEWED? ☐ YES ☐ NO	COORDINATES OF FACILITIES	REQUIRED EFFECTIVE DATE

COORDINATED WITH:

ATA ☐ AAT ☐ ALPA ☐ APA ☐ AOPA ☐ NBAA ☐ OTHER ☐ (specify) _____

FLIGHT CHECKED BY		
NAME:	FIFO	DATE:
DEVELOPED BY		
NAME:	NFPG	DATE:
APPROVED BY		
NAME:	NFPG	DATE:

CHANGES:

REASONS:

Bearings, headings, courses, 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 in feet RVR.

```
        SUSAP KVJIK6GRW24     0044712410 N36412592W082013722-0600     +06053020870000058075R

                 1         2         3         4         5         6         7         8         9         0         1         2         3
PP      12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KVJIK6PR24    RW24 001 0000W24A0N3641259170W08201372190+060530300N3640360600W08203090800106751384000580F4005004948E2E2
        SUSAP KVJIK6PR24    RW24 002E       +06362+06362LPV        77827

                 1         2         3         4         5         6         7         8         9         0         1         2         3
MSA     12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KVJIK6SRW24 K6PG                0   18018007025                                                                    M
```

CITY AND STATE	ELEVATION: 2087 THRE: 2087	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
ABINGDON, VA	AIRPORT NAME: VIRGINIA HIGHLANDS	RNAV	RNAV (GPS) RWY 24, AMDT 1	AMDT: ORIG
				DATED: 08/27/2009

ALL AFFECTED PROCEDURES REVIEWED? ☐ YES ☐ NO	COORDINATES OF FACILITIES	REQUIRED EFFECTIVE DATE

COORDINATED WITH:

ATA ☐ AAT ☐ ALPA ☐ APA ☐ AOPA ☐ NBAA ☐ OTHER ☐ (specify) _____

FLIGHT CHECKED BY		
NAME:	FIFO	DATE:
DEVELOPED BY		
NAME:	NFPG	DATE:
APPROVED BY		
NAME:	NFPG	DATE:

CHANGES:

REASONS:

Bearings, headings, courses, 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 in feet RVR.

ARINC SUMMARY - 424-18 - RNAV (GPS)

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
	HMV	HMV	010		IF		FB					
	HMV	KURRU	020		TF		FO	2.0	039.1(034.1T)	026.4	AA 06700	
	HMV	KURRU	030	IAF	HF	L	FO		265.0(260.0T)	005.0	AA 05100	
	MIFJU	MIFJU	010	IAF	IF		FB					
	MIFJU	KURRU	020		TF		FB	1.0	200.9(195.9T)	005.0	AA 05100	
	STOVE	STOVE	010		IF		FB					
	STOVE	ILAYU	020	IAF	TF		FB	2.0	272.1(267.1T)	013.9	AA 06600	
	STOVE	KURRU	030		TF		FB	1.0	305.1(300.1T)	006.0	AA 05100	
		KURRU	010	FACF	IF		FB				AA 05100	
		AKQON	020	FAF	TF		FB	0.5	241.2(236.2T)	006.1	AA 04000	
		IPUSE	021	SDF	TF		FB	0.3	241.1(236.1T)	002.8	AA 03100 GS 03101	
		RW24	030	MAP	TF		FO	0.3	241.1(236.1T)	003.0	AT 02145	

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
		040		CA		FB		241.1(236.1T)		AA 02472	
	HOSED	050		DF		FO				AA 05700	
	HOSED	060		HM	R	FO		061.0(056.0T)	004.0	AA 05700	

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	HMV	N362613.40	W0820746.56	N3626.223	W08207.776
	AKQON	N364441.26	W0815536.68	N3644.688	W08155.611
	HOSED	N363427.73	W0821425.43	N3634.462	W08214.424
	ILAYU	N364503.35	W0814253.84	N3645.056	W08142.897
	IPUSE	N364306.59	W0815831.55	N3643.110	W08158.526
	KURRU	N364803.76	W0814921.78	N3648.063	W08149.363
	MIFJU	N365252.65	W0814739.17	N3652.878	W08147.653
	STOVE	N364547.15	W0812538.30	N3645.786	W08125.638
	RW24	N364125.92	W0820137.22	N3641.432	W08201.620

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW24	02087	58

CITY AND STATE	ELEVATION: **2087** THRE: **2087**	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
ABINGDON, VA	AIRPORT NAME: **VIRGINIA HIGHLANDS**	**RNAV**	**RNAV (GPS) RWY 24, AMDT 1**	AMDT: **ORIG**
				DATED: **08/27/2009**

ALL AFFECTED PROCEDURES REVIEWED? ☐ YES ☐ NO	COORDINATES OF FACILITIES	REQUIRED EFFECTIVE DATE

COORDINATED WITH:

ATA ☐ AAT ☐ ALPA ☐ APA ☐ AOPA ☐ NBAA ☐ OTHER ☐ (specify) _____

FLIGHT CHECKED BY		
NAME:	FIFO	DATE:
DEVELOPED BY		
NAME:	NFPG	DATE:
APPROVED BY		
NAME:	NFPG	DATE:

CHANGES:

REASONS:

STANDARD INSTRUMENT APPROACH PROCEDURE DATA RECORD

PART - A OBSTRUCTION DATA

1. APP SEGMENT	FROM	TO	OBSTRUCTION	COORDINATES	ELEV. MSL	ROC	ALT. ADJUSTMENTS	MIN. ALT.
FEEDER	HMV VORTAC	KURRU	1. TOWER (47-002282)	362658.20N/0820628.70W	4632 (2C)	2000	AT269	6700
			2. TERRAIN	362615.00N/0820745.00W	4282 (4300)		AS1500	5800
FEEDER	STOVE	ILAYU	3. AAO	364351.00N/0812424.00W	4331 (4E)	2000	AT269	6600
			4. TERRAIN	364409.00N/0812836.00W	3941 (3900)		AS1500	5400
INITIAL	ILAYU	KURRU	5. AAO	364810.94N/0814845.30W	2999 (2C)	1000	AT1101	5100
			6. TERRAIN	364809.00N/0814848.00W	2720 (2700)		AS1500	4200
INITIAL	MIFJU	KURRU	7. AAO	365418.00N/0814924.00W	3708 (4E)	1000	AT392	5100
			8. TERRAIN	365303.00N/0814827.00W	2779 (2800)		AS1500	4300
INTERMEDIATE	KURRU (IF/IAF)	AKQON	5. AAO	364810.94N/0814845.30W	2999 (2C)	500	AT501	4000
			10. TERRAIN	364748.00N/0814909.00W	2625 (2600)		AS1000	3600
FINAL: LPV	AKQON	RW24	11. TREE	364156.12N/0820054.15W	2226 (1A)	34:1	MA57	2472/385
FINAL: LNAV/VNAV	AKQON	RW24	12. TREE (KVJIL003)	364143.76N/0820158.60W	2331 (2C)	23.4:1	AC20	2512/425
2. HOLD-IN-LIEU-OF-PT	KURRU	P-6	14. AAO	365055.60N/0813812.40W	3508 (4E)	1000	AT592	5100
			15. TERRAIN	365055.60N/0813812.40W	3300 (3300)		AS1500	4800
			(CIN-S-0182)					
3. MISSED APPROACH MAP:	DA / DA / RW24	HOSED	11. TREE	364156.12N/0820054.15W	2226 (1A)	ASC		5700
			16. TOWER (51-002000)	364000.02N/0820516.18W	2399 (2C)	1000		3400
ELEV:	2222/2331/2600		17. TERRAIN	363903.00N/0822100.00W	2350 (2400)		AS1500	3900

4. CIRCLING AREA	DISTANCE	HT. ABV. ARPT. REQUIRED	HT. ABV. ARPT. ACTUAL							
CATEGORY A	1.3 NM	350	773	18. TREE	364210.44N/0820302.99W	2559 (2C)	300		2860
CATEGORY B	1.5 NM	450	773	18. TREE	364210.44N/0820302.99W	2559 (2C)	300		2860
CATEGORY C	1.7 NM	450	773	18. TREE	364210.44N/0820302.99W	2559 (2C)	300		2860
CATEGORY D	2.3 NM	550	773	18. TREE	364210.44N/0820302.99W	2559 (2C)	300		2860
CATEGORY E	4.5 NM	550							

5. MINIMUM SAFE ALTITUDES — PRIMARY NAVAID: **RW24**

SECTOR	OBSTRUCTION	BRG/DIST	ELEVATION (MSL)	M S A	SECTOR	OBSTRUCTION	BRG/DIST	ELEVATION (MSL)	M S A
360-360	AAO	099/ 23.4	5929 (6C)	7000					

CITY AND STATE		FACILITY	PROCEDURE AND AMENDMENT NO:	REGION
ABINGDON, VA	ELEVATION: 2087 AIRPORT NAME: VIRGINIA HIGHLANDS	RNAV	RNAV (GPS) RWY 24, AMDT 1	AEA

PART B - SUPPLEMENTAL DATA

1. COMMUNICATIONS WITH:	2. WEATHER SERVICE		3. ALTIMETER SETTING
ZTL ARTCC TRI-CITY APP CON DCA FSS	[ ] N W S	OTHER: AWOS-3	SOURCE: KVJI / KTRI
	[ ] F A A		DISTANCE: 0 / 22.09
SATISFACTORY ON:	[ ] A / C		HOURS REMOTE OPERATION:
[X] V H F [X] U H F [ ] H F	LOCATION: KVJI		ADJUSTMENT: 0 / 140

4. MONITOR STATUS	PRIMARY NAVAID:	
	MONITOR POINT:	
	HRS OPTN: CAT 1	
	HRS OPTN: CAT 3	

5. APPROACH & RUNWAY LIGHTING	[ ]	ALS
	[ ]	(S) SALS
	[ ]	MALS
	[ ]	HIRL
	[X]	MIRL 24 (PCL), 06 (PCL)
	[X]	REIL 24 (PCL)
	[ ]	TDZ
	[ ]	C/LINE
	[X]	OTHER (SPECIFY) ODALS 24 (PCL) PAPI-2L 24 (PCL)

6. RUNWAY MARKINGS	BASIC	
	ALL WEATHER	
	INSTRUMENT	
7. RUNWAY VISUAL RANGE	APPROACH	
	MIDFIELD	
	ROLL OUT	
8. GLIDE PATH	GP ANGLE: 3.00	ELEV RWY THRESHOLD: 2087.4
	DISTANCE FROM RWY:	ELEV GP ANTENNA:
		THRESHOLD CROSSING HEIGHT: 58.0

9. FINAL APPROACH COURSE AIMING	[X]	RUNWAY THRESHOLD	FT. FROM THRESHOLD
	[X]	ON CENTERLINE	FT. FROM CENTERLINE

10. WAIVERS: **NONE**

PART D - PREPARED BY: DONALD E. SMITH (ROSE BOONE)	DATE: 11/17/2011
TITLE: AERONAUTICAL INFORMATION SPECIALIST	OFFICE: AJV-352

PART C - REMARKS:

PARA 251, 20:1 PENETRATION.

PARA 251, 34:1 PENETRATION.

PRECIPITOUS TERRAIN EVALUATION COMPLETED.

PART B-SUPPLEMENTAL DATA
BLOCK 2: KVJI AWOS-3 ON SERVICE A, HRS OPTN: 24
BLOCK 3: ALTIMETER SETTING, SOURCE: KVJI/KTRI-ASOS 3 ON SERVICE A
DISTANCE: ON FIELD/22.09 NM, HRS OPERATION: 24 HRS/24 HRS. ADJ: 0/130.42'

VGSI DATA: 4.00/32.0

RASS PRESSURE PATTERNS SAME
KJVI 2087.4, KTRI 1518.8
RA = 130.42.
SEE ATTACHED AIRSPACE LETTER.

VEGETATION ASSUMED TO BE 100'.

VDP NA OBSTACLES PENETRATE 20:1

OBS # 13 LOCATED 272.64 FT IN TO THE SECONDARY AREA.

"AVERAGE COLD TEMPERATURE BASED ON -30 ISA DEVIATION, STATISTICAL TEMPERATURE DATA NOT AVAILABLE FOR KVJI"

LPV:
SURFACE: 34:1
LNAV/VNAV:
SURFACE: 23.4:1
LPV, LNAV/VNAV, AND LNAV INTERMEDIATE SEGMENTS HAVE SAME OBSTACLE AND TERRAIN.

TERPS, VOLUME 1, "VISUAL PORTION OF FINAL" PENETRATIONS

20:1
KVJIA009 OL-LT 2122 MSL 364131.28N-0820134.24W PEN 19.40' (AC-1A)
34:1
KVJIA033 TREE 2226 MSL 364156.12N-0823354.15W PENE 8.78' (AC-1A)
KVJIA030 TREE 2206 MSL 364144.89N-0820052.18W PENE 3.52' (AC-1A)
KVJIA029 TREE 2194 MSL 364147.41N-0820059.78W PENE 2.43' (AC-1A)
KVJIA028 TREE 2215 MSL 364140.73N-0820058.47W PENE 32.82' (AC-1A)
KVJIA027 TREE 2215 MSL 364140.05N-0820058.03W PENE 32.18' (AC-1A)
KVJIA026 TREE 2246 MSL 364148.15N-0820105.16W PENE 63.89' (AC-1A)
KVJIA025 TREE 2215 MSL 364147.83N-0820106.04W PENE 35.17' (AC-1A)
KVJIA024 TREE 2228 MSL 364148.80N-0820107.11W PENE 48.68' (AC-1A)
KVJIA022 TREE 2190 MSL 364140.10N-0820105.72W PENE 22.37' (AC-1A)
KVJIA021 TREE 2202 MSL 364135.88N-0820105.44W PENE 40.82' (AC-1A)
KVJIA020 TREE 2174 MSL 364138.70N-0820114.44W PENE 26.01' (AC-1A)
KVJIA019 TREE 2189 MSL 364140.02N-0820115.80W PENE 41.80' (AC-1A)
KVJIA009 OL-LT 2122 MSL 364131.28N-0820134.24W PEN CONT.

STANDARD INSTRUMENT APPROACH PROCEDURE DATA RECORD

PART - A OBSTRUCTION DATA

1. APP SEGMENT	FROM	TO	OBSTRUCTION	COORDINATES	ELEV. MSL	ROC	ALT. ADJUSTMENTS	MIN. ALT.
FINAL: LNAV	**AKQON**	**IPUSE/3.00 NM TO**	**13. AAO**	**364442.00N/0815700.00W**	**2680 (2C)**	**250**	**RA140 DG30**	**3100**
		RW24						
FINAL: LNAV STEPDOWN	**IPUSE/3.00 NM TO**	**RW24**	**19. TREE**	**364259.31N/0815849.87W**	**2439 (2C)**	**250**		**2700**
	RW24							

3. MISSED APPROACH				
	MAP:			
	ELEV:			

4. CIRCLING AREA	DISTANCE	HT. ABV. ARPT.		
		REQUIRED	ACTUAL	
CATEGORY A	1.3 NM	350		
CATEGORY B	1.5 NM	450		
CATEGORY C	1.7 NM	450		
CATEGORY D	2.3 NM	550		
CATEGORY E	4.5 NM	550		

5. MINIMUM SAFE ALTITUDES — PRIMARY NAVAID:

SECTOR	OBSTRUCTION	BRG/DIST	ELEVATION (MSL)	M S A	SECTOR	OBSTRUCTION	BRG/DIST	ELEVATION (MSL)	M S A

CITY AND STATE		FACILITY	PROCEDURE AND AMENDMENT NO:	REGION
ABINGDON, VA	**ELEVATION: 2087** AIRPORT NAME: **VIRGINIA HIGHLANDS**	**RNAV**	**RNAV (GPS) RWY 24, AMDT 1**	**AEA**

PART B - SUPPLEMENTAL DATA

1. COMMUNICATIONS WITH:	2. WEATHER SERVICE	3. ALTIMETER SETTING
SATISFACTORY ON:	☐ NWS ☐ FAA ☐ A/C OTHER:	SOURCE: DISTANCE: HOURS REMOTE OPERATION:
☐ VHF ☐ UHF ☐ HF	LOCATION:	ADJUSTMENT:

4. MONITOR STATUS	PRIMARY NAVAID:	
	MONITOR POINT:	
	HRS OPTN:	CAT 1
		CAT 3

5. APPROACH & RUNWAY LIGHTING	☐	ALS
	☐	(S) SALS
	☐	MALS
	☐	HIRL
	☐	MIRL
	☐	REIL
	☐	TDZ
	☐	C/LINE
	☐	OTHER (SPECIFY)

6. RUNWAY MARKINGS	BASIC	
	ALL WEATHER	
	INSTRUMENT	
7. RUNWAY VISUAL RANGE	APPROACH	
	MIDFIELD	
	ROLL OUT	
8. GLIDE PATH	GP ANGLE:	ELEV RWY THRESHOLD:
	DISTANCE FROM RWY:	ELEV GP ANTENNA:
		THRESHOLD CROSSING HEIGHT:

9. FINAL APPROACH COURSE AIMING	☐	RUNWAY THRESHOLD	FT. FROM THRESHOLD
	☐	ON CENTERLINE	FT. FROM CENTERLINE

10. WAIVERS:

PDF EDIT: REMOVED EXTRA MISSED LINES

PART D - PREPARED BY:	DATE:
TITLE:	OFFICE:

PART C - REMARKS:

CONTINUED.
25.66' (AC-1A)

TAA NOT DEVELOPED PER ATC.

RADIO FIX AND HOLDING DATA RECORD

NAME: AKQON **STATE:** VA **COUNTRY:** US

LATITUDE/LONGITUDE: 364441.26N/0815536.68W **TYPE:** WP, INT, DME

AIRSPACE DOCKET: **FIX TYPE OF ACTION:** MODIFY

FIX MAKE-UP FACILITIES:

FAC	NAME	IDENT	TYPE	CLASS	MAG BRG	TRUE BRG	DME	DIST FROM FAC NM	DIST FROM FAC FEET	MRA	MAA
1	ABINGDON	I-VJI	LOC/DME		061.03	056.03	6.61	6.60	40105	4000	6500
2	GLADE SPRING	GZG	VOR/DME	L	125.23	123.23	8.77	8.77		4000	6500

HOLDING: **HOLDING TYPE OF ACTION:** NO CHANGE

PATTERNS:

PAT	DIR	IDENT	TYPE	RAD/CRS/BRG	CRS INBOUND	TURN (L OR R)	LEG LENGTH TIME	LEG LENGTH DME	HOLDING ALTITUDES MIN	HOLDING ALTITUDES MAX	TEMPLATES MIN	TEMPLATES MAX
1	NE	I-VJI	LOC/DME	NE CRS	241.03	L	1		4300	6000	5	5

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	200	AAO	363942.00N/0814442.00W	3015	5D

REASON FOR NONSTANDARD HOLDING:
PAT 1 AIR TRAFFIC

HOLDING RESTRICTIONS:
HOLDING LIMITED TO ESTABLISHED PATTERN

REMARKS:
PRECIPITOUS TERRAIN EVALUATION COMPLETED
VJI DME L/L 364056.97N/0820224.15W

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	LOC RWY 24	1, 2	1	KVJI	ABINGDON	VA (US)
IAP	RNAV (GPS) RWY 24			KVJI	ABINGDON	VA (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 1 **DATE OF REVISION:** 05/31/2012

REASON FOR REVISION:
ADDED DME DISTANCE TO FAC 1 AND 2
DELETED FAC 3
CHANGED FAC 1 DME FROM 6.53 TO 6.60
CHANGED FAC 1 COURSE TO 061.03
UPDATED FIX USE
MOVED HOLDING NOTE TO HOLDING RESTRICTIONS
MOVED FIX 312.52 FT NORTHWEST
ADDED PRECIPITOUS TERRAIN NOTE

DEVELOPED BY: **DATE:** 12/02/2011 **OFFICE:** AJV-352 **NAME:** DONALD SMITH (ROSE BOONE)

APPROVED BY: **DATE:** **OFFICE:** AJV-352 **NAME:** DARRYEL ADAMS

SIGNATURE:

DISTRIBUTION:
NFDC
FPO: EST
ARTCC: ZTL
ATC FACILITY: TRI CITY APP CON
OTHER:

RADIO FIX AND HOLDING DATA RECORD

NAME: HOSED **STATE:** TN **COUNTRY:** US

LATITUDE/LONGITUDE: 363427.73N/0821425.43W **TYPE:** WP

AIRSPACE DOCKET: **FIX TYPE OF ACTION:** MODIFY

HOLDING: **HOLDING TYPE OF ACTION:** ESTABLISH

PATTERNS:

PAT	DIR	IDENT	TYPE	RAD/CRS/BRG	CRS INBOUND	TURN (L OR R)	LEG LENGTH TIME	LEG LENGTH DME	HOLDING ALTITUDES MIN	HOLDING ALTITUDES MAX	TEMPLATES MIN	TEMPLATES MAX
1	SW		WP	241.02	061.02	R		4	5700	6000	5	6

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	200	AAO	363639.00N/0821706.00W	2628	4E
1	310	TOWER (47-002282)	362658.20N/0820628.70W	4632	2C

HOLDING RESTRICTIONS:
HOLDING LIMITED TO ESTABLISHED PATTERN

PROCEDURES REQUIRING CLIMB-IN-HOLD:

PAT	PROCEDURE TITLE	AIRPORT IDENT	CITY	STATE
1	RNAV (GPS) RWY 24	KVJI	ABINGDON	VA (US)

REMARKS:
PRECIPITOUS TERRAIN EVALUATION COMPLETED

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	RNAV (GPS) RWY 06			KVJI	ABINGDON	VA (US)
IAP	RNAV (GPS) RWY 24		1	KVJI	ABINGDON	VA (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 1 **DATE OF REVISION:** 04/05/2012

REASON FOR REVISION:
ADDED HOLDING
ADDED HOLDING NOTE
REMOVED FAC 1
ADDED PRECIPITOUS TERRAIN NOTE
UPDATED FIX USE

DEVELOPED BY: **DATE:** 11/10/2011 **OFFICE:** AJV-352 **NAME:** DONALD SMITH (ROSE BOONE)

APPROVED BY: **DATE:** **OFFICE:** AJV-352 **NAME:** DARRYEL ADAMS

SIGNATURE:

DISTRIBUTION:
NFDC
FPO: EST
ARTCC: ZTL
ATC FACILITY: TRI CITY APP CON
OTHER:

RADIO FIX AND HOLDING DATA RECORD

NAME: ILAYU **STATE:** VA **COUNTRY:** US

LATITUDE/LONGITUDE: 364503.35N/0814253.84W **TYPE:** WP

AIRSPACE DOCKET: **FIX TYPE OF ACTION:** MODIFY

HOLDING: **HOLDING TYPE OF ACTION:** CANCEL

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	RNAV (GPS) RWY 24			KVJI	ABINGDON	VA (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 1 **DATE OF REVISION:** 04/05/2012

REASON FOR REVISION:
REMOVED FAC 1
DELETED HOLDING
UPDATED FIX USE
MOVED FIX 1.69 NM NORTHWEST
REMOVED HOLDING NOTE

DEVELOPED BY: **DATE:** 11/10/2011 **OFFICE:** AJV-352 **NAME:** DONALD SMITH (ROSE BOONE)

APPROVED BY: **DATE:** **OFFICE:** AJV-352 **NAME:** DARRYEL ADAMS

SIGNATURE:

DISTRIBUTION:
NFDC
FPO: EST
ARTCC: ZTL
ATC FACILITY: TRI CITY APP CON
OTHER:

RADIO FIX AND HOLDING DATA RECORD

NAME: IPUSE **STATE:** VA **COUNTRY:** US

LATITUDE/LONGITUDE: 364306.59N/0815831.55W **TYPE:** WP

AIRSPACE DOCKET: **FIX TYPE OF ACTION:** ESTABLISH

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	RNAV (GPS) 24			KVJI	ABINGDON	VA (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: ORIG **DATE OF REVISION:** 04/05/2012

DEVELOPED BY: **DATE:** 12/27/2011 **OFFICE:** AJV-352 **NAME:** DONALD SMITH (ROSE BOONE)

APPROVED BY: **DATE:** **OFFICE:** AJV-352 **NAME:** DARRYEL ADAMS

SIGNATURE:

DISTRIBUTION:
NFDC
FPO: EST
ARTCC: ZTL
ATC FACILITY: TRI CITY APP CON
OTHER:

RADIO FIX AND HOLDING DATA RECORD

NAME: KURRU **STATE:** VA **COUNTRY:** US

LATITUDE/LONGITUDE: 364803.76N/0814921.78W **TYPE:** WP

AIRSPACE DOCKET: **FIX TYPE OF ACTION:** MODIFY

HOLDING: **HOLDING TYPE OF ACTION:** MODIFY

PATTERNS:

PAT	DIR	IDENT	TYPE	RAD/CRS/BRG	CRS INBOUND	TURN (L OR R)	LEG LENGTH TIME	LEG LENGTH DME	HOLDING ALTITUDES MIN	HOLDING ALTITUDES MAX	TEMPLATES MIN	TEMPLATES MAX
1	E		WP	085.00	265.00	L		5	5100	6000	6	14

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	200	AAO	365055.60N/0813812.40W	3308	6A
1	310	AAO	365539.00N/0815345.00W	4666	4E

REASON FOR NONSTANDARD HOLDING:
PAT 1 TERRAIN

HOLDING RESTRICTIONS:
HOLDING LIMITED TO ESTABLISHED PATTERN

PROCEDURES REQUIRING CLIMB-IN-HOLD:

PAT	PROCEDURE TITLE	AIRPORT IDENT	CITY	STATE
1	RNAV (GPS) RWY 6	KVJI	ABINGDON	VA (US)

REMARKS:
PRECIPITOUS TERRAIN EVALUATION COMPLETED

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	RNAV (GPS) RWY 24		1	KVJI	ABINGDON	VA (US)
IAP	RNAV (GPS) RWY 6		1	KVJI	ABINGDON	VA (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 1 **DATE OF REVISION:** 05/31/2012

REASON FOR REVISION:
ADDED PRECIPITOUS TERRAIN NOTE
MOVED HOLDING NOTE TO HOLDING RESTRICTIONS
UPDATED FIX USE

DEVELOPED BY: **DATE:** 11/10/2011 **OFFICE:** AJV-352 **NAME:** DONALD SMITH (ROSE BOONE)

APPROVED BY: **DATE:** **OFFICE:** AJV-352 **NAME:** DARRYEL ADAMS

SIGNATURE:

DISTRIBUTION:
NFDC
FPO: EST
ARTCC: ZTL
ATC FACILITY: TRI CITY APP CON
OTHER:

RADIO FIX AND HOLDING DATA RECORD

NAME: MIFJU **STATE:** VA **COUNTRY:** US

LATITUDE/LONGITUDE: 365252.65N/0814739.17W **TYPE:** WP, DME

AIRSPACE DOCKET: **FIX TYPE OF ACTION:** MODIFY

FIX MAKE-UP FACILITIES:

FAC	NAME	IDENT	TYPE	CLASS	MAG BRG	TRUE BRG	DME	DIST FROM FAC NM	FAC FEET	MRA	MAA
1	GLADE SPRING	GZG	VOR/DME	L	078.12	076.12	14.12	14.12		6600	17500

HOLDING: **HOLDING TYPE OF ACTION:** NO CHANGE

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
EN ROUTE	V466	1				(US)
IAP	RNAV (GPS) RWY 24			KVJI	ABINGDON	VA (US)

REQUIRED CHARTING: IAP, CONTROLLER, EN ROUTE LOW

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 1 **DATE OF REVISION:** 04/05/2012

REASON FOR REVISION:
REMOVED FAC 2
ADDED NM TO FAC 1
UPDATED FIX USE

DEVELOPED BY: **DATE:** 11/10/2011 **OFFICE:** AJV-352 **NAME:** DONALD SMITH (ROSE BOONE)

APPROVED BY: **DATE:** **OFFICE:** AJV-352 **NAME:** DARRYEL ADAMS

SIGNATURE:

DISTRIBUTION:
NFDC
FPO: EST
ARTCC: ZTL
ATC FACILITY: TRI CITY APP CON
OTHER:

CANCELLED

RADIO FIX AND HOLDING DATA RECORD

NAME: TOBEY **STATE:** TN **COUNTRY:** US

LATITUDE/LONGITUDE: 363340.80N/0815856.03W **TYPE:** WP

AIRSPACE DOCKET: **FIX TYPE OF ACTION:** CANCEL

FIX MAKE-UP FACILITIES:

FAC	NAME	IDENT	TYPE	CLASS	MAG BRG	TRUE BRG	DME	DIST FROM FAC NM	DIST FROM FAC FEET	MRA	MAA
1	FOSEK					119.80	8.50				17500

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	VIRGINIA HIGHLANDS (KVJI) - RNAV (GPS) RWY 24			KVJI	ABINGDON	VA (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: ORIG **DATE OF REVISION:** 08/27/2009

DEVELOPED BY: **DATE:** **OFFICE:** **NAME:**

APPROVED BY: **DATE:** **OFFICE:** ASJ-352 **NAME:** DARRYEL ADAMS

SIGNATURE:

DISTRIBUTION:
NFDC
FPO: EST
ARTCC: ZTL
ATC FACILITY: TRI CITY APP CON
OTHER:

INFO ONLY

RADIO FIX AND HOLDING DATA RECORD

NAME: GLADE SPRING VOR/DME **STATE:** VA **COUNTRY:** US

LATITUDE/LONGITUDE: 364930.38N/0820444.32W **TYPE:**

AIRSPACE DOCKET: **FIX TYPE OF ACTION:** NO CHANGE

FIX MAKE-UP FACILITIES:

FAC	NAME	IDENT	TYPE	CLASS	MAG BRG	TRUE BRG	DME	DIST FROM FAC NM	DIST FROM FAC FEET	MRA	MAA
1	GLADE SPRING	GZG	VOR/DME	L							17500

HOLDING: **HOLDING TYPE OF ACTION:** MODIFY

PATTERNS:

PAT	DIR	IDENT	TYPE	RAD/CRS/BRG	CRS INBOUND	TURN (L OR R)	LEG LENGTH TIME	LEG LENGTH DME	HOLDING ALTITUDES MIN	HOLDING ALTITUDES MAX	TEMPLATES MIN	TEMPLATES MAX
1	E	GZG	VOR/DME	078.12	258.12	L	1		6600	14000	8	10
2	S	GZG	VOR/DME	188.02	008.02	R	1		6000	14000	7	10
3	W	GZG	VOR/DME	248.00	068.00	R	1		6000	14000	7	10

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	230	AAO	365523.00N/0815345.00W	4866	4E
2	230	AAO	365022.00N/0820227.00W	4440	6A
3	230	AAO	365022.00N/0820227.10W	4440	6A

REASON FOR NONSTANDARD HOLDING:
PAT 1 AIR TRAFFIC REQUEST

HOLDING RESTRICTIONS:
HOLDING LIMITED TO ESTABLISHED PATTERNS.

REMARKS:
PAT 1 THRU 3 FOR ATC COORDINATION.
PRECIPITOUS TERRAIN EVALUATION COMPLETED.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
DP	HICKORY			KHKY	HICKORY	NC (US)
DP	WINSTON			KINT	WINSTON-SALEM	NC (US)
DP	TRICITIES			KTRI	BRISTOL/JOHNSON/KINGSPORT	TN (US)
DP	KNOXVILLE			KTYS	KNOXVILLE	TN (US)
EN ROUTE	V-35.					(US)
EN ROUTE	V-466.					(US)
EN ROUTE	V-519.					(US)
EN ROUTE	V466-519.					(US)
IAP	ILS RWY 23 (CAT I & II).			KTRI	BRISTOL/JOHNSON/KINGSPORT	TN (US)
IAP	LOC RWY 24.			KVJI	ABINGDON	VA (US)
IAP	LOC/DME RWY 25.			KJFZ	RICHLANDS	VA (US)
IAP	LOC/DME RWY 24.			KLNP	WISE	VA (US)
IAP	RNAV (GPS) RWY 24.			KLNP	WISE	VA (US)
STAR	BROOK			KGSO	GREENSBORO	NC (US)

REQUIRED CHARTING: DP, STAR, IAP, CONTROLLER, EN ROUTE LOW

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 4 **DATE OF REVISION:** 04/08/2010

REASON FOR REVISION:
UPDATED CONTROLLING OBSTRUCTIONS.
UPDATE FIX USE.

DEVELOPED BY: **DATE:** 06/12/2009 **OFFICE:** AVN-110 **NAME:** HOWARD HAWKINS

APPROVED BY: **DATE:** **OFFICE:** AVN-110 **NAME:** GLENN WEEKS

SIGNATURE:

DISTRIBUTION:
NFDC
FPO: NYC
ARTCC: ZTL, ZID
ATC FACILITY:
OTHER:

INFO ONLY

RADIO FIX AND HOLDING DATA RECORD

NAME: HOLSTON MOUNTAIN VORTAC **STATE:** TN **COUNTRY:** US

LATITUDE/LONGITUDE: 362613.40N/0820746.56W **TYPE:**

AIRSPACE DOCKET: **FIX TYPE OF ACTION:** NO CHANGE

FIX MAKE-UP FACILITIES:

FAC	NAME	IDENT	TYPE	CLASS	MAG BRG	TRUE BRG	DME	DIST FROM FAC NM	DIST FROM FAC FEET	MRA	MAA
1	HOLSTON MOUNTAIN	HMV	VORTAC	L							45000

HOLDING: **HOLDING TYPE OF ACTION:** MODIFY

PATTERNS:

PAT	DIR	IDENT	TYPE	RAD/CRS/BRG	CRS INBOUND	TURN (L OR R)	LEG LENGTH TIME	LEG LENGTH DME	HOLDING ALTITUDES MIN	HOLDING ALTITUDES MAX	TEMPLATES MIN	TEMPLATES MAX
1	NE	HMV	VORTAC	064.00	244.00	R	1-1 1/2		6000	17500	7	16
2	NE	HMV	VORTAC	064.00	244.00	L	1-1 1/2		6000	17500	7	16
3	S	HMV	VORTAC	201.00	021.00	R	1-1 1/2		6000	17500	7	16
4	SW	HMV	VORTAC	244.00	064.00	R	1-1 1/2		6000	17500	7	16

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	230	TOWER (47-002282)	362658.20N/0820628.70W	4632	2C
2	230	TOWER (47-002282)	362658.20N/0820628.70W	4632	2C
3	230	AAO	361148.00N/0820933.00W	4839	2C
4	230	TOWER (47-002282)	362658.20N/0820628.70W	4632	2C

REASON FOR NONSTANDARD HOLDING:
PAT 2 ATC REQUEST

HOLDING RESTRICTIONS:
HOLDING LIMITED TO ESTABLISHED PATTERNS.

PROCEDURES REQUIRING CLIMB-IN-HOLD:

PAT	PROCEDURE TITLE	AIRPORT IDENT	CITY	STATE
3	VOR/DME-B	KVJI	ABINGDON	VA (US)

REMARKS:
PRECIPITOUS TERRAIN EVALUATION COMPLETED.
HOLD PATTERNS 1, 2 AND 4 USED FOR FLOW CONTROL BETWEEN ATC SECTORS (DO NOT CHART ON LOW ENROUTE/ATC REQUEST).

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
DP	FEDRA (RNAV)			KSDF	LOUISVILLE	KY (US)
DP	ASHEVILLE			KAVL	ASHEVILLE	NC (US)
DP	HORNET			KCLT	CHARLOTTE	NC (US)
DP	HUGO			KCLT	CHARLOTTE	NC (US)
DP	HORNET			KJQF	CONCORD	NC (US)
DP	HUGO			KJQF	CONCORD	NC (US)
DP	HORNET			KAKH	GASTONIA	NC (US)
DP	HUGO			KAKH	GASTONIA	NC (US)
DP	TRIAD			KGSO	GREENSBORO	NC (US)
DP	HICKORY			KHKY	HICKORY	NC (US)
DP	HORNET			KEQY	MONROE	NC (US)
DP	HUGO			KEQY	MONROE	NC (US)
DP	TRIAD			KINT	WINSTON-SALEM	NC (US)
DP	WINSTON			KINT	WINSTON-SALEM	NC (US)
DP	HORNET			KUZA	ROCK HILL	SC (US)
DP	HUGO			KUZA	ROCK HILL	SC (US)
DP	TRICITIES			KTRI	BRISTOL/JOHNSON/KINGSPORT	TN (US)
DP	KNOXVILLE			KTYS	KNOXVILLE	TN (US)
EN ROUTE	V136					(US)
EN ROUTE	V16					(US)
EN ROUTE	V16-136					(US)
EN ROUTE	V259					(US)
EN ROUTE	V310					(US)
EN ROUTE	V35					(US)
EN ROUTE	V35-53					(US)
EN ROUTE	V364					(US)
EN ROUTE	V53					(US)
EN ROUTE	V605					(US)
IAP	ILS RWY 23			KTRI	BRISTOL/JOHNSON/KINGSPORT	TN (US)
IAP	ILS RWY 23 (CAT II)			KTRI	BRISTOL/JOHNSON/KINGSPORT	TN (US)
IAP	RNAV (GPS) RWY 24			K6A4	MOUNTAIN CITY	TN (US)
IAP	RNAV (GPS) RWY 6			K6A4	MOUNTAIN CITY	TN (US)
IAP	LOC RWY 24			KVJI	ABINGDON	VA (US)
IAP	RNAV (GPS) RWY 24			KVJI	ABINGDON	VA (US)
IAP	VOR/DME-B		3	KVJI	ABINGDON	VA (US)
STAR	HARDU			KCVG	COVINGTON	KY (US)
STAR	JACKIE (RNAV)			KCVG	COVINGTON	KY (US)

STAR	JOHNS RNAV	KCLT	CHARLOTTE	NC (US)
STAR	SHINE	KCLT	CHARLOTTE	NC (US)
STAR	UNMAN (RNAV)	KGSP	GREER	SC (US)

REQUIRED CHARTING: DP, STAR, IAP, CONTROLLER, EN ROUTE LOW, EN ROUTE HIGH

COMPULSORY REPORTING POINT: LOW

RECORD REVISION NUMBER: 10 **DATE OF REVISION:** 07/29/2010

REASON FOR REVISION:
UPDATE CONTROLLING OBSTACLE ID FOR PATS 1/2/4.
CHANGED CONTROLLING OBSTACLE ELEVATION FOR PAT 3 FROM 4739 TO 4839.
UPDATED FIX USE INFORMATION.
ADDED PRECIPITOUS TERRAIN EVALUATION COMPLETED IN REMARKS.
CHANGED COMPULSORY REPORTING POINT FROM NO TO LOW.

DEVELOPED BY: **DATE:** 02/08/2010 **OFFICE:** AVN-110 **NAME:** GEORGETTE BARNETT

APPROVED BY: **DATE:** 05/17/2010 **OFFICE:** AVN-110 **NAME:** GEORGE DAVIS

SIGNATURE:

DISTRIBUTION:
NFDC
FPO: EST
ARTCC: ZTL
ATC FACILITY: TRI-CITIES RGNL
OTHER: ZID

INFO ONLY

RADIO FIX AND HOLDING DATA RECORD

NAME: STOVE **STATE:** VA **COUNTRY:** US

LATITUDE/LONGITUDE: 364547.15N/0812538.30W **TYPE:** INT, DME

AIRSPACE DOCKET: **FIX TYPE OF ACTION:** MODIFY

FIX MAKE-UP FACILITIES:

FAC	NAME	IDENT	TYPE	CLASS	MAG BRG	TRUE BRG	DME	DIST FROM FAC NM	DIST FROM FAC FEET	MRA	MAA
1	PULASKI	PSK	VORTAC	H	246.71	240.71	39.49	39.49		6000	17500
2	BARRETTS MOUNTAIN	BZM	VOR/DME	L	356.46	350.46		54.34		7000	17500

EXPANDED SERVICE VOLUME (ESV):

FAC IDENT	FAC TYPE	RADIAL/BEARING	DISTANCE	MIN ALTITUDE	MAX ALTITUDE
BZM	VOR/DME	R-356	55	7000	17500

FIX RESTRICTIONS:
MCA V136 7500 SOUTHWEST BOUND
MCA V16 7500 SOUTHWEST BOUND

HOLDING: **HOLDING TYPE OF ACTION:** NO CHANGE

REMARKS:
PULASKI (FAC 1) AND BARRETTS MOUNTAIN (FAC 2) USED TO ESTABLISH FIX COORDINATES

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
EN ROUTE	V133	1, 2				(US)
EN ROUTE	V16-136	1, 2				(US)
IAP	LOC RWY 28			KGEV	JEFFERSON	NC (US)
IAP	RNAV (GPS) RWY 24			KVJI	ABINGDON	VA (US)
IAP	RNAV (GPS) RWY 1			KHLX	GALAX/HILLSVILLE	VA (US)
IAP	LOC RWY 26			KMKJ	MARION/WYTHEVILLE	VA (US)

REQUIRED CHARTING: IAP, CONTROLLER, EN ROUTE LOW

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 12 **DATE OF REVISION:** 03/08/2012

REASON FOR REVISION:
ADDED REMARK PULASKI (FAC 1) AND BARRETTS MOUNTAIN (FAC 2) USED TO ESTABLISH FIX COORDINATES.

DEVELOPED BY: **DATE:** 09/23/2011 **OFFICE:** AJV-352 **NAME:** DONALD SMITH (AISHAT NAUZO)

APPROVED BY: **DATE:** **OFFICE:** AJV-352 **NAME:** DARRYEL ADAMS

SIGNATURE:

DISTRIBUTION:
NFDC
FPO: EST
ARTCC: ZTL
ATC FACILITY: ROA APP CON
OTHER:

TERMINAL AIRSPACE DATA REQUIREMENTS

CITY: **ABINGDON** STATE: **VA**

AIRPORT NAME: **VIRGINIA HIGHLANDS** ID: **KVJI**

PROCEDURE: **RNAV (GPS) RWY 24** AMDT: **1**

DOCKET#: **NOT REQUIRED**
(96-AXX-X/Required/Not Required)

ALL DIST TO 1/100 NM; ELEV TO NEAREST FT; COORD TO 1/100 SEC; DEG TO 1/100 DG.

1. Distance from (Enter THLD, FAF, ARP, FACILITY, as appropriate)	**THLD**	to 1000' point	**4.25**
2. Width of (Enter appropriate segment, final, intermediate, etc.)	**FINAL**	segment at 1000' point	**1.78**
3. True Course of	**FINAL**	segment containing 1000' point	**236.09**
4. High Terrain in	**FINAL**	segment containing 1000' point	**2455**
5. Distance from (If 1500' point in PT maneuvering area or holding pattern note in remarks)	**THLD**	to 1500' point	**5.82**
6. Width of	**FINAL**	segment at 1500' point	**2.00**
7. True Course of	**FINAL**	segment containing 1500' point	**236.09**
8. High Terrain in	**FINAL**	segment containing 1500' point	**2455**

9. Threshold Coordinates (if straight-in) ... **364125.92N** / **0820137.22W**

10. ARP Coordinates ..... **364113.57N** / **0820159.98W**

11. Runway Approach End and distance furthest from ARP ..... RWY **24**

Distance **0.37** NM

12. FAF Coordinates ..... **364441.26N** / **0815536.68W**

REMARKS: Approach/Drawing attached.