Flight Procedure Tracking Form	Action: FLIGHT CHECK	Task Type: IAP	Date Open: 12/15/2010	Task #: 2010121525548901001	Request #: 20101215255489
Procedure: RNAV (GPS) RWY 18 ORIG		Airport ID: K05U	Airport: EUREKA		Reimbursable #:
City: EUREKA	ST: NV	GPS #:		Estimated Chart Date: 05/02/2013	FICO #:
Fac ID:	Fac. Type: LP Proc W		Specialist: WES COMBS(Contractor)		

Procedure Review

P2

	Rec'd	Rel'd	Full Name	Comments
Lead:	11/01/2012	01/07/2013	JEFF RAWDON	
QA:	01/07/2013	01/11/2013	CASIMIR TABAKA	
Liaison:	01/11/2013		Spurlin	

Procedure Comments: ENROUTE **Remark Type:** INFORMATION

pkg 1 of 2

EUREKA, NV EUREKA (K05U) RNAV (GPS) RWY 18, ORIG (LP) ENROUTE-YES FC: 3.5.13 PUB: 5.2.13

ATTACHED FORMS: 8260-3; 8260-10; 8260-9; 8260-2(S): FESGO, ORIG; INGOL-INT, REV 3; JEBEG-INT, ORIG; LECED, ORIG; RAPYO, ORIG; SAYOT, ORIG; SIKEE-INT, REV 1; ZIGBI, ORIG.

CONTACT: PETE GETZ/LONNIE EVERHART-AVN-130 LEADS, 405.954.2079/ 405.954.4576.

WAAS CH 42732 W18A	APP CRS 178°	Rwy ldg 7300 THRE 5940 Apt Elev 5958

RNAV (GPS) RWY 18
EUREKA (05U)

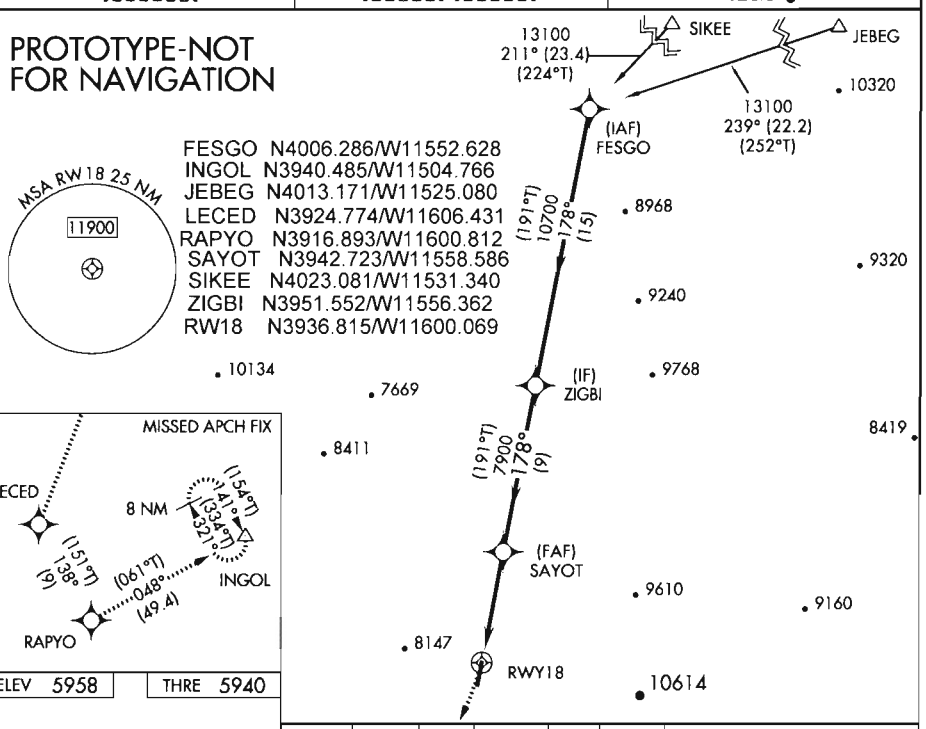
When local altimeter setting not received, procedure NA.
DME/DME RNP-0.3 NA.
*Missed approach requires minimum climb of 390 feet per NM to 9200.

MISSED APPROACH: Climbing right turn to 14000 direct LECED and on track 138° to RAPYO and on track 048° to INGOL and hold.

XXXXXX	XXXXXXXXXXXXXXX	CTAF
XXXXXXX	XXXXXX XXXXXX	122.9

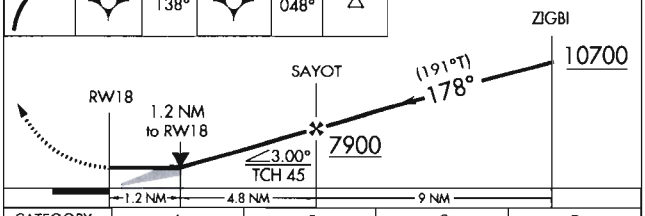
PROTOTYPE-NOT FOR NAVIGATION

FESGO N4006.286/W11552.628
INGOL N3940.485/W11504.766
JEBEG N4013.171/W11525.080
LECED N3924.774/W11606.431
RAPYO N3916.893/W11600.812
SAYOT N3942.723/W11558.586
SIKEE N4023.081/W11531.340
ZIGBI N3951.552/W11556.362
RW18 N3936.815/W11600.069



ELEV 5958	THRE 5940

14000	LECED	tr 138°	RAPYO	tr 048°	INGOL



CATEGORY	A	B	C	D
*LP MDA	6360-1	420 (500-1)	6360-1⅛	420 (500-1⅛)
LP MDA	7660-1¼ 1720 (1800-1¼)	7660-1½ 1720 (1800-1½)	7660-3	1720 (1800-3)
*LNAV MDA	6380-1	440 (500-1)	6380-1¼	440 (500-1¼)
LNAV MDA	7820-1¼ 1880 (1900-1¼)	7820-1½ 1880 (1900-1½)	7820-3	1880 (1900-3)
CIRCLING	7820-1¼ 1862 (1900-1¼)	7820-1½ 1862 (1900-1½)	7820-3	1862 (1900-3)

HIRL Rwy 18-36

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

RNAV - STANDARD INSTRUMENT APPROACH PROCEDURE TITLE 14 CFR PART 97.33

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TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE
SIKEE	FESGO (FB)	211.28 / 23.40	13100
JEBEG	FESGO (FB)	239.11 / 22.21	13100
FESGO (IAF)	ZIGBI (FB)	178.05 / 15.00	10700
ZIGBI (IF)	SAYOT (FB)	178.01 / 8.99	7900
SAYOT (FAF)	RW18 (MAP) (FO)	177.99 / 6.01	
RW18 (MAP)	6358 MSL	177.99	
(SEE FORM 8260-10)			

MISSED APPROACH

LP: RW18
LNAV: RW18

CLIMBING RIGHT TURN TO 14000 DIRECT LECED AND ON TRACK 138.00 TO RAPYO AND ON TRACK 048.19 TO INGOL AND HOLD.

1. PT ____ SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. PROFILE STARTS AT ZIGBI
3. FAC: 177.99 FAF: SAYOT DIST FAF TO MAP: 6.01 THLD: 6.01
4. MIN. ALT: ZIGBI 10700, SAYOT 7900
5. DIST TO THLD FROM OM: ____ MM: ____ IM: ____ 150 HAT: ____ 100 HAT: ____ GS ANT: ____
6. MIN GS INCPT: ____ GS ALT AT: ____ OM: ____ MM: ____ IM: ____
7. GS ANGLE: ____ TCH: 34:1 IS CLEAR
8. MSA FROM: RW18 11900

ADDITIONAL FLIGHT DATA:
HOLD NW, RT, 141.49 INBOUND.
FAS OBST: 6109 AAO 393956N/1155841W
FAS OBST: 6114 AAO 393956N/1155840W
CHART VDP AT 1.18 MILES TO RW18
WAAS CHANNEL # 42732
REFERENCE PATH ID: W18A
SAYOT TO RW18: 3.00/45.
LTP HAE: 1789.7 M

MAG VAR: 13E EPOCH YEAR: 2010

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
*LP MDA	6360	1	420	6360	1	420	6360	1 1/8	420	6360	1 1/8	420			
LP MDA	7660	1 1/4	1720	7660	1 1/2	1720	7660	3	1720	7660	3	1720			
*LNAV MDA	6380	1	440	6380	1	440	6380	1 1/4	440	6380	1 1/4	440			
LNAV MDA	7820	1 1/4	1880	7820	1 1/2	1880	7820	3	1880	7820	3	1880			
CIRCLING	7820	1 1/4	1862	7820	1 1/2	1862	7820	3	1862	7820	3	1862			

NOTES:
CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, PROCEDURE NA.
CHART NOTE: DME/DME RNP-0.3 NA.
CHART NOTE: *MISSED APPROACH REQUIRES MINIMUM CLIMB OF 390 FEET PER NM TO 9200.

@ CAT A, B 1900-2, CAT C, D 1900-3

QUALITY CHECKED

CITY AND STATE	ELEVATION: 5958 THRE: 5940	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP:
EUREKA, NV	AIRPORT NAME: EUREKA	RNAV	RNAV (GPS) RWY 18, ORIG	AMDT: NONE
				DATED

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

COORDINATED WITH:

ATA	AAT	ALPA	APA	AOPA	NBAA	OTHER (specify)
[ ]	[ ]	[X]	[ ]	[X]	[X]	[X] **ZLC, AMGR, WST FPT**

FLIGHT CHECKED BY		
NAME:	FIFO	DATE:
DEVELOPED BY		
NAME: **PETE GETZ (WES COMBS)**	FIFO **AJV-352**	DATE: **12/10/2012**
APPROVED BY		
NAME: **DEBORAH COPELAND** **MANAGER**	FIFO **AJV-352**	DATE:

CHANGES:

ORIGINAL PROCEDURE

REASONS:

FPT REQUEST

EFFECTIVE CONCURRENT WITH AIRSPACE DOCKET 12-AWP-5.

QUALITY CHECKED 4

US DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

RNAV - STANDARD
INSTRUMENT APPROACH PROCEDURE - TITLE 14 CFR PART 97.33

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TERMINAL ROUTES, (CONT.):

FROM	TO	COURSE AND DISTANCE	ALTITUDE
6358 MSL	LECED (FB)		
LECED	RAPYO (FB)	138.00 / 9.00	
RAPYO	INGOL (FO)	48.19 / 49.38	14000

QUALITY CHECKED

CITY AND STATE	ELEVATION: 5958 THRE: 5940	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
EUREKA, NV	AIRPORT NAME: EUREKA	RNAV	RNAV (GPS) RWY 18, ORIG	AMDT: NONE
				DATED:

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:

REASONS:

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FAS DATA BLOCK INFORMATION

DATA FIELD	DATA
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	05U
RUNWAY	RW18
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W18A
LTP/FTP LATITUDE	393648.9120N
LTP/FTP LONGITUDE	1160004.1140W
LTP/FTP ELLIPSOIDAL HEIGHT	+17897
FPAP LATITUDE	393521.3600N
FPAP LONGITUDE	1160026.0400W
THRESHOLD CROSSING HEIGHT (TCH)	00045.0
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	0528
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	0.0
CRC REMAINDER	C21C2440

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K2
LTP ORTHOMETRIC HEIGHT	+18104
FPAP ORTHOMETRIC HEIGHT	+18104

QUALITY CHECKED

CITY AND STATE	ELEVATION: 5958 THRE: 5940	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
EUREKA, NV	AIRPORT NAME: EUREKA	RNAV	RNAV (GPS) RWY 18, ORIG	AMDT: NONE
				DATED:

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:

REASONS:

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

RNAV (GPS) STANDARD INSTRUMENT APPROACH PROCEDURE

FLIGHT STANDARDS SERVICES - **FAR PART 97.33**

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ARINC PACKET - 424-18 - RNAV (GPS)

```
                 1         2         3         4         5         6         7         8         9         0         1         2         3
WP      123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAEAENRT   FESGO K20    W     N40061718W115523769                        E0131     NAR           FESGO
        SUSAEAENRT   INGOL K20    C   L N39402907W115044593                        E0128     NAR           INGOL
        SUSAEAENRT   JEBEG K20    C   L N40131026W115250482                        E0130     NAR           JEBEG
        SUSAEAENRT   LECED K20    W     N39244641W116062586                        E0130     NAR           LECED
        SUSAEAENRT   RAPYO K20    W     N39165357W116004870                        E0130     NAR           RAPYO
        SUSAEAENRT   SAYOT K20    W     N39424340W115583514                        E0131     NAR           SAYOT
        SUSAEAENRT   SIKEE K20    C   L N40230484W115312042                        E0131     NAR           SIKEE
        SUSAEAENRT   ZIGBI K20    W     N39513313W115562170                        E0131     NAR           ZIGBI

                 1         2         3         4         5         6         7         8         9         0         1         2         3
AIRPORT 123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAP 05U K2A05U     0     073YHN39361350W116001300E013005958         1800018000C    MNAR    EUREKA

                 1         2         3         4         5         6         7         8         9         0         1         2         3
SEGMENT 123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAP 05U K2FR18   AJEBEG 010JEBEGK2EA0E       IF                                                18000                A JS
        SUSAP 05U K2FR18   AJEBEG 020FESGOK2EA0E  A 020TF                      23910222    + 13100                              A JS
        SUSAP 05U K2FR18   AJEBEG 030ZIGBIK2EA0EE B 010TF                      17810150    + 10700                              A JS
        SUSAP 05U K2FR18   ASIKEE 010SIKEEK2EA0E       IF                                                18000                A JS
        SUSAP 05U K2FR18   ASIKEE 020FESGOK2EA0E  A 020TF                      21130234    + 13100                              A JS
        SUSAP 05U K2FR18   ASIKEE 030ZIGBIK2EA0EE B 010TF                      17810150    + 10700                              A JS
        SUSAP 05U K2FR18   R      010ZIGBIK2EA0E  I    IF                                   + 10700     18000                    A JS
        SUSAP 05U K2FR18   R      020SAYOTK2EA1E  F 051TF                      17800090    + 07900                  RW18  K2PGA JS
        SUSAP 05U K2FR18   R      020SAYOTK2EA2WALP        N          ALNAV                                                      JS
        SUSAP 05U K2FR18   R      030RW18 K2PG0GY M 031TF                      17800060      05985             -300            A JS
        SUSAP 05U K2FR18   R      040         0  M     CA                      1780        + 06358                              A JS
        SUSAP 05U K2FR18   R      050LECEDK2EA0E   R   DF                                                                        A JS
        SUSAP 05U K2FR18   R      060RAPYOK2EA0E    010TF                      1380                                               A JS
        SUSAP 05U K2FR18   R      070INGOLK2EA0EY   010TF                      0482        + 14000                              A JS
        SUSAP 05U K2FR18   R      080INGOLK2EA0EE  R   HM                      14150080    + 14000                              A JS

                 1         2         3         4         5         6         7         8         9         0         1         2         3
RUNWAY  123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAP 05U K2GRW18    0073001780 N39364891W116000411+0300    +1789705940000045060R

                 1         2         3         4         5         6         7         8         9         0         1         2         3
PP      123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
```

QUALITY CHECKED

CITY AND STATE	ELEVATION: 5958 THRE: 5940	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
EUREKA, NV	AIRPORT NAME: EUREKA	RNAV	RNAV (GPS) RWY 18, ORIG	AMDT: NONE
				DATED:

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:	NFPG	DATE:
APPROVED BY		
NAME:	NFPG	DATE:

CHANGES:

REASONS:

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```
        SUSAP 05U K2PR18   RW18 001 0000W18A0N3936489120W11600041140+178970300N3935213600W116002604001067505280004 50F400000C21C2440
        SUSAP 05U K2PR18   RW18 002E      +18104+18104LP        42732
```

```
                1         2         3         4         5         6         7         8         9         0         1         2         3
MSA     123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAP 05U K2SRW18 K2PG                0   18018011925                                                                          M
```

QUALITY 4 CHECKED

CITY AND STATE	ELEVATION: 5958 THRE: 5940	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
EUREKA, NV	AIRPORT NAME: EUREKA	RNAV	RNAV (GPS) RWY 18, ORIG	AMDT: NONE
				DATED:

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:	NFPG	DATE:
APPROVED BY		
NAME:	NFPG	DATE:

CHANGES:

REASONS:

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

RNAV (GPS) STANDARD INSTRUMENT APPROACH PROCEDURE

FLIGHT STANDARDS SERVICES - **FAR PART 97.33**

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ARINC SUMMARY - 424-18 - RNAV (GPS)

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
	JEBEG	JEBEG	010		IF		FB					
	JEBEG	FESGO	020	IAF	TF		FB	2.0	239.1(252.1T)	022.2	AA 13100	
	JEBEG	ZIGBI	030		TF		FB	1.0	178.1(191.1T)	015.0	AA 10700	
	SIKEE	SIKEE	010		IF		FB					
	SIKEE	FESGO	020	IAF	TF		FB	2.0	211.3(224.3T)	023.4	AA 13100	
	SIKEE	ZIGBI	030		TF		FB	1.0	178.1(191.1T)	015.0	AA 10700	
		ZIGBI	010	FACF	IF		FB				AA 10700	
		SAYOT	020	FAF	TF		FB	0.5	178.0(191.0T)	009.0	AA 07900	
		RW18	030	MAP	TF		FO	0.3	178.0(191.0T)	006.0	AT 05985	

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
		040		CA		FB		178.0(191.0T)		AA 06358	
	LECED	050		DF	R	FB					
	RAPYO	060		TF		FB	1.0	138.0(151.0T)			
	INGOL	070		TF		FO	1.0	048.2(061.2T)		AA 14000	
	INGOL	080		HM	R	FO		141.5(154.5T)	008.0	AA 14000	

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	FESGO	N400617.18	W1155237.69	N4006.286	W11552.628
	INGOL	N394029.07	W1150445.93	N3940.485	W11504.766
	JEBEG	N401310.26	W1152504.82	N4013.171	W11525.080
	LECED	N392446.41	W1160625.86	N3924.774	W11606.431
	RAPYO	N391653.57	W1160048.70	N3916.893	W11600.812
	SAYOT	N394243.40	W1155835.14	N3942.723	W11558.586
	SIKEE	N402304.84	W1153120.42	N4023.081	W11531.340
	ZIGBI	N395133.13	W1155621.70	N3951.552	W11556.362
	RW18	N393648.91	W1160004.11	N3936.815	W11600.069

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW18	05940	45

QUALITY 4 CHECKED

CITY AND STATE	ELEVATION: 5958 THRE: 5940	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
EUREKA, NV	AIRPORT NAME: EUREKA	RNAV	RNAV (GPS) RWY 18, ORIG	AMDT: NONE
				DATED:

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:	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	SIKEE	FESGO	1. AAO	402415.00N/1152927.00W	11037 (3E)	2000		13100
			2. TERRAIN	402415.00N/1152927.00W	10837		AS1500	12300
					(10800)			
FEEDER	JEBEG	FESGO	3. AAO	401414.80N/1153222.40W	11048 (6C)	2000		13100
			4. TERRAIN	401414.80N/1153222.40W	10848		AS1500	12300
					(10800)			
INITIAL	FESGO	ZIGBI	5. AAO	395945.00N/1155018.00W	9380 (3E)	1000	PR310	10700
			6. TERRAIN	395945.00N/1155018.00W	9180 (9200)		AS1500	10700
INTERMEDIATE	ZIGBI	SAYOT	7. AAO	394306.00N/1155854.00W	6096 (3E)	500	AC89 PR80 AT1135	7900
			8. TERRAIN	394303.00N/1155851.00W	5896 (5900)		AS1500	7400
FINAL: LP	SAYOT	RW18	9. AAO	393955.79N/1155840.79W	6109 (2C)	250	XL1	6360
FINAL: LP	SAYOT	RW18	9. AAO	393955.79N/1155840.79W	6109 (2C)	250	XL1 MA1300	7660
FINAL: LNAV	SAYOT	RW18	10. AAO	393955.63N/1155840.24W	6114 (2C)	250	XL1	6380
FINAL: LNAV	SAYOT	RW18	10. AAO	393955.63N/1155840.24W	6114 (2C)	250	XL1 MA1440	7820
2. PROCEDURE TURN	NA							
3. MISSED APPROACH MAP:	RW18	INGOL	11. AAO	392551.85N/1160137.89W	9239 (2C)	ASC		14000
			11. AAO	392551.85N/1160137.89W	9239 (2C)	1000		10300
ELEV:	6259/7559/6279/7719		12. TERRAIN	392551.85N/1160137.89W	9039 (9000)		AS1500	10500
			16. TREE	393709.13N/1160117.72W	6139 (2C)	300	SI	7820
			16. TREE	393709.13N/1160117.72W	6139 (2C)	300	SI	7820
			16. TREE	393709.13N/1160117.72W	6139 (2C)	300	SI	7820
			17. TREE	393335.37N/1155906.52W	6234 (2C)	300	SI	7820

4. CIRCLING AREA	DISTANCE	HT. ABV. ARPT. REQUIRED	HT. ABV. ARPT. ACTUAL
CATEGORY A	1.3 NM	350	1862
CATEGORY B	1.5 NM	450	1862
CATEGORY C	1.7 NM	450	1862
CATEGORY D	2.3 NM	550	1862
CATEGORY E	4.5 NM	550	

5. MINIMUM SAFE ALTITUDES — PRIMARY NAVAID: RW18

SECTOR	OBSTRUCTION	BRG/DIST	ELEVATION (MSL)	M S A	SECTOR	OBSTRUCTION	BRG/DIST	ELEVATION (MSL)	M S A
360-360	AAO	087/ 08.7	10814 (6C)	11900					

CITY AND STATE	ELEVATION: 5958 AIRPORT NAME:	FACILITY	PROCEDURE AND AMENDMENT NO:	REGION
EUREKA, NV	EUREKA	RNAV	RNAV (GPS) RWY 18, ORIG	AWP

QUALITY CHECKED

PART B - SUPPLEMENTAL DATA

1. COMMUNICATIONS WITH:	2. WEATHER SERVICE			3. ALTIMETER SETTING
K05U CTAF RNO FSS ZLC ARTCC		N W S	OTHER: ASOS	SOURCE: K05U
		F A A		DISTANCE:
		A / C		HOURS REMOTE OPERATION:
SATISFACTORY ON:				
X V H F X U H F H F	LOCATION: K05U			ADJUSTMENT: 0

4. MONITOR STATUS	PRIMARY NAVAID:	
	MONITOR POINT:	
	HRS OPTN: CAT 1	
	HRS OPTN: CAT 3	
5. APPROACH & RUNWAY LIGHTING		ALS
		(S) SALS
		MALS
	X	HIRL 18 (PCL), 36 (PCL)
		MIRL
		REIL
		TDZ
		C/LINE
	X	OTHER (SPECIFY) PAPI-2L 18, 36
6. RUNWAY MARKINGS	BASIC	
	ALL WEATHER	
	INSTRUMENT	NPI-G 18, 36
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	X	RUNWAY THRESHOLD — FT. FROM THRESHOLD
	X	ON CENTERLINE — FT. FROM CENTERLINE

10. WAIVERS: NONE

QUALITY CHECKED 3

PART D - PREPARED BY: PETE GETZ (WES COMBS)	DATE: 12/10/2012
TITLE: AERONAUTICAL INFORMATION SPECIALIST	OFFICE: AJV-352

PART C - REMARKS:

PRECIPITOUS TERRAIN EVALUATION COMPLETED.

SEE ATTACHED AIRSPACE LETTER.

AIRSPACE DOCKET 12-AWP-5.

K05U IS ON SERVICE A.

VGSI DATA: 3.00/45.

BACKUP ALTIMETER SOURCE NOT USED DUE TO INTERVENING TERRAIN AND DISTANCE.

15 FT VEGETATION HEIGHT USED PER FPT.

LPV AND LNAV/VNAV NOT DEVELOPED DUE TO LARGE MA ADJUSTMENTS.

25 DEGREE BANK USED IN MA CONSTRUCTION FOR REDUCED LEG LENGTH AND TERRAIN AVOIDANCE.

TAA NOT DEVELOPED PER ATC REQUEST.

OBSTACLE 1 HAS AN IPDS CALCULATED ACCURACY OF H-75.46, V-95.14.

OBSTACLES 5 AND 7 HAVE AN IPDS CALCULATED ACCURACY OF H-85.30, V-88.58.

OBSTACLE 11 SERVES AS LNAV MA ADJ AND LNAV/LP LVL SFC CONTROLLER.

MISSED APPROACH OBSTACLES CONT.
PRIMARY:
LP MA ADJ: 13. AAO 392516.13N/1160153.05W 9225 (2A)
SA-9 ASC 14000
LNAV/LP CG: 14. AAO 393011.45N/1160654.78W 8703 (2A)
SA-19 ASC 14000
LNAV/LP CG LVL SFC: 13. AAO 392516.13N/1160153.05W 9225 (2A) 1000 10225
LNAV/LP CG AS: 15. TERRAIN 392516.13N/1160153.05W 9025 (9000) 1500 10500

OBSTACLE 13 IS LOCATED 112 FT INTO THE SECONDARY AREA.

OBSTACLE 14 IS LOCATED 230 FT INTO THE SECONDARY AREA.

RADIO FIX AND HOLDING DATA RECORD

NAME: FESGO **STATE:** NV **COUNTRY:** US

LATITUDE/LONGITUDE: 400617.18N/1155237.69W **TYPE:** WP

AIRSPACE DOCKET: 12-AWP-5 **FIX TYPE OF ACTION:** ESTABLISH

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	RNAV (GPS) RWY 18			K05U	EUREKA	NV (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: ORIG **DATE OF REVISION:** 05/02/2013

DEVELOPED BY: **DATE:** 11/30/2012 **OFFICE:** AJV-354 **NAME:** PETER GETZ (WES COMBS)

APPROVED BY: **DATE:** **OFFICE:** AJV-354 **NAME:** DEBORAH COPELAND

SIGNATURE:

DISTRIBUTION:
NFDC
FPO: WST
ARTCC: ZLC
ATC FACILITY:
OTHER:

QUALITY 3 CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: INGOL **STATE:** NV **COUNTRY:** US

LATITUDE/LONGITUDE: 394029.07N/1150445.93W **TYPE:** WP, DME

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	ELY	ELY	VOR/DME	H	320.64	334.64	25.00	25.00		8800	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	NW		WP	320.49	140.49	R		8	14000	18000	11	17
2	NW		WP	321.49	141.49	R		8	14000	18000	11	17

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	230	AAO	394914.10N/1150115.40W	9449	6C
2	230	AAO	394914.10N/1150115.40W	9449	6C

PRECIPITOUS TERRAIN ADDITIONS:

PAT	SPEED	ADDITION
1	230	310
2	230	310

HOLDING RESTRICTIONS:
HOLDING LIMITED TO ESTABLISHED PATTERNS.

REMARKS:
PERCIPITOUS TERRAIN EVALUATION COMPLETE.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
EN ROUTE	V293	1				(US)
IAP	RNAV (GPS) RWY 18		1	KELY	ELY	NV (US)
IAP	RNAV (GPS) RWY 18		2	K05U	EUREKA	NV (US)

REQUIRED CHARTING: IAP, CONTROLLER, EN ROUTE LOW

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 3 **DATE OF REVISION:** 05/02/2013

REASON FOR REVISION:
UPDATED FAC 1 FROM HISTORY TO ACTIVE STATUS
ADDED PAT 2 FOR 05U (13 E MAGVAR VICE ELY 14 E)
UPDATED PAT 1 CONTROLLING OBSTRUCTION
CHANGED PAT 1 PRECIPITOUS TERRAIN ADDITION FROM 242 TO 310
REMOVED "CHART DME FIX ON LOW ENROUTE V293" REMARK
REMOVED "AIR TRAFFIC ACTION: ADDITIONAL AIRSPACE REQUIRED FOR HOLDING" REMARK
UPDATED FIX USE

DEVELOPED BY: **DATE:** 11/30/2012 **OFFICE:** AJV-354 **NAME:** PETER GETZ (WES COMBS)

APPROVED BY: **DATE:** **OFFICE:** AJV-354 **NAME:** DEBORAH COPELAND

SIGNATURE:

DISTRIBUTION: **NFDC**
FPO: WST
ARTCC: ZLC
ATC FACILITY:
OTHER:

QUALITY 3 CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: JEBEG **STATE:** NV **COUNTRY:** US

LATITUDE/LONGITUDE: 401310.26N/1152504.82W **TYPE:** WP, DME

AIRSPACE DOCKET: 12-AWP-5 **FIX TYPE OF ACTION:** ESTABLISH

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	BULLION	BQU	VOR/DME	L	137.00	154.00	36.00	36.00		13000	17500

REMARKS:
BULLION (FAC 1) USED TO ESTABLISH FIX COORDINATES

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
EN ROUTE	V293	1				(US)
IAP	RNAV (GPS) RWY 18			K05U	EUREKA	NV (US)

REQUIRED CHARTING: IAP, CONTROLLER, EN ROUTE LOW

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: ORIG **DATE OF REVISION:** 05/02/2013

DEVELOPED BY: **DATE:** 12/11/2012 **OFFICE:** AJV-354 **NAME:** PETER GETZ (WES COMBS)

APPROVED BY: **DATE:** **OFFICE:** AJV-354 **NAME:** DEBORAH COPELAND

SIGNATURE:

DISTRIBUTION:
NFDC
FPO: WST
ARTCC: ZLC
ATC FACILITY:
OTHER:

QUALITY 3 CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: LECED **STATE:** NV **COUNTRY:** US

LATITUDE/LONGITUDE: 392446.41N/1160625.86W **TYPE:** WP

AIRSPACE DOCKET: 12-AWP-5 **FIX TYPE OF ACTION:** ESTABLISH

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	RNAV (GPS) RWY 18			K05U	EUREKA	NV (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: ORIG **DATE OF REVISION:** 05/02/2013

DEVELOPED BY: **DATE:** 11/30/2012 **OFFICE:** AJV-354 **NAME:** PETER GETZ (WES COMBS)

APPROVED BY: **DATE:** **OFFICE:** AJV-354 **NAME:** DEBORAH COPELAND

SIGNATURE:

DISTRIBUTION: **NFDC**
FPO: WST
ARTCC: ZLC
ATC FACILITY:
OTHER:

QUALITY 3 CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: RAPYO **STATE:** NV **COUNTRY:** US

LATITUDE/LONGITUDE: 391653.57N/1160048.70W **TYPE:** WP

AIRSPACE DOCKET: 12-AWP-5 **FIX TYPE OF ACTION:** ESTABLISH

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	RNAV (GPS) RWY 18			K05U	EUREKA	NV (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: ORIG **DATE OF REVISION:** 05/02/2013

DEVELOPED BY: **DATE:** 11/30/2012 **OFFICE:** AJV-354 **NAME:** PETER GETZ (WES COMBS)

APPROVED BY: **DATE:** **OFFICE:** AJV-354 **NAME:** DEBORAH COPELAND

SIGNATURE:

DISTRIBUTION:
NFDC
FPO: WST
ARTCC: ZLC
ATC FACILITY:
OTHER:

QUALITY 3 CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: SAYOT **STATE:** NV **COUNTRY:** US

LATITUDE/LONGITUDE: 394243.40N/1155835.14W **TYPE:** WP

AIRSPACE DOCKET: 12-AWP-5 **FIX TYPE OF ACTION:** ESTABLISH

REMARKS:
FIX COORDINATES ESTABLISHED WITH 8260.54A PFAF FORMULA.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	RNAV (GPS) RWY 18			K05U	EUREKA	NV (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: ORIG **DATE OF REVISION:** 05/02/2013

DEVELOPED BY: **DATE:** 11/30/2012 **OFFICE:** AJV-354 **NAME:** PETER GETZ (WES COMBS)

APPROVED BY: **DATE:** **OFFICE:** AJV-354 **NAME:** DEBORAH COPELAND

SIGNATURE:

DISTRIBUTION:
NFDC
FPO: WST
ARTCC: ZLC
ATC FACILITY:
OTHER:

QUALITY 3 CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: SIKEE **STATE:** NV **COUNTRY:** US

LATITUDE/LONGITUDE: 402304.84N/1153120.42W **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	DIST FROM FAC FEET	MRA	MAA
1	BULLION	BQU	VOR/DME	L	137.00	154.00	25.00	25.00		13000	17500

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

REMARKS:
BULLION (FAC 1) USED TO ESTABLISH FIX COORDINATES

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
EN ROUTE	V293	1				(US)
IAP	VOR/DME-B	1		KEKO	ELKO	NV (US)
IAP	RNAV (GPS) RWY 18			K05U	EUREKA	NV (US)

REQUIRED CHARTING: IAP, CONTROLLER, EN ROUTE LOW

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 1 **DATE OF REVISION:** 05/02/2013

REASON FOR REVISION:
ADDED WP TO FIX TYPE
ADDED DIST FROM FAC 1
ADDED COORDINATION FACILITY REMARK
UPDATED FIX USE

DEVELOPED BY: **DATE:** 12/11/2012 **OFFICE:** AJV-354 **NAME:** PETER GETZ (WES COMBS)

APPROVED BY: **DATE:** **OFFICE:** AJV-354 **NAME:** DEBORAH COPELAND

SIGNATURE:

DISTRIBUTION:
NFDC
FPO: WST
ARTCC: ZLC
ATC FACILITY:
OTHER:

QUALITY 3 CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: ZIGBI **STATE:** NV **COUNTRY:** US

LATITUDE/LONGITUDE: 395133.13N/1155621.70W **TYPE:** WP

AIRSPACE DOCKET: 12-AWP-5 **FIX TYPE OF ACTION:** ESTABLISH

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	RNAV (GPS) RWY 18			K05U	EUREKA	NV (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: ORIG **DATE OF REVISION:** 05/02/2013

DEVELOPED BY: **DATE:** 11/30/2012 **OFFICE:** AJV-354 **NAME:** PETER GETZ (WES COMBS)

APPROVED BY: **DATE:** **OFFICE:** AJV-354 **NAME:** DEBORAH COPELAND

SIGNATURE:

DISTRIBUTION:
NFDC
FPO: WST
ARTCC: ZLC
ATC FACILITY:
OTHER:

QUALITY 3 CHECKED

TERMINAL AIRSPACE DATA REQUIREMENTS

CITY: EUREKA STATE: NV

AIRPORT NAME: EUREKA ID: K05U

PROCEDURE: RNAV (GPS) RWY 18 AMDT: ORIG

DOCKET # :
(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 THLD to 1000' point 2.68
   (Enter THLD, FAF, ARP, FACILITY, as appropriate)
2. Width of FINAL segment at 1000' point 1.20
   (Enter appropriate segment , final, intermediate, etc.)
3. True Course of FINAL segment containing 1000' point 190.99
4. High Terrain in FINAL segment containing 1000' point 5949
5. Distance from THLD to 1500' point 5.01
   (If 1500' point in PT maneuvering area or holding pattern note in remarks)
6. Width of FINAL segment at 1500' point 1.20
7. True Course of FINAL segment containing 1500' point 190.99
8. High Terrain in FINAL segment containing 1500' point 5949
9. Threshold Coordinates (if straight-in) ... 393648.91N / 1160004.11W
10. ARP Coordinates ..... 393613.50N / 1160013.00W
11. Runway Approach End and distance furthest from ARP.....RWY 18
    Distance 0.60 NM
12. FAF Coordinates ..... 394243.40N / 1155835.14W
    (Click to Select)

REMARKS:

APPROACH/DRAWING ATTACHED