US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

RNAV (RNP) - 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
BAARK (IAF)	BIGBK (TF) (FB) (RNP 1.00)	355.21 / 3.28	2800
MANWA (IAF)	JOKRR (TF) (FB) (RNP 1.00)	292.64 / 6.08	4000
BIGBK (IF)	LEAVS (TF) (FB) (RNP 0.30)	355.21 / 3.00	2000
JOKRR (IF)	KYLEY (TF) (FB) (RNP 1.00)	292.56 / 3.00	3400
KYLEY	BIGBK (RF) (FB) (RNP 1.00)	(2.42 NM RADIUS CW (CFBQQ)) / 2.65	2800
(SEE FORM 8260-10)			

MISSED APPROACH

RNP: DA

CLIMB TO 3000 ON TRACK 355.21 TO TASKY AND HOLD.

1. PT ____ SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. PROFILE STARTS AT LEAVS
3. FAC: 355.20 FAF: ____ DIST FAF TO MAP: 3.03 THLD: ____
4. MIN. ALT: LEAVS 2000
5. DIST TO THLD FROM OM: 3.03 MM: ____ IM: ____ 150 HAT: ____ 100 HAT: ____ GS ANT: ____
6. MIN GS INCPT: 2000 GS ALT AT: LEAVS 2000 OM: ____ MM: ____ IM: ____
7. GS ANGLE: 3.00 TCH: 57.8 34:1 IS NOT CLEAR
8. MSA FROM: RW36 3800

ADDITIONAL FLIGHT DATA:
HOLD N, RT, 175.21 INBOUND.
CHART FAS OBST: 1114 POLE 411638N/0955325W
DISTANCE TO THLD FROM 446 HATH: 1.22 NM.
ROUTE TYPE: A, H
ROUTE TYPE QUALIFIER 1: F
ROUTE TYPE QUALIFIER 2: S
CHART MANDATORY 5000 AT HORSS
CHART MANDATORY 4000 AT BAARK
CHART MANDATORY 5000 AT MANWA
CHART MINIMUM 4000 AT LOESS
CHART MINIMUM 5000 AT CHAZU
#TCH 1036.3 (DO NOT CHART)

MAG VAR: 5E EPOCH YEAR: 2000

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
AUTHORIZATION REQUIRED															
RNP 0.30 DA	1425	1	446	1425	1	446	1425	1	446	1425	1	446			

NOTES:
CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, PROCEDURE NA BELOW -17C (2F) OR ABOVE 54C (130F).
CHART NOTE: WHEN VGSI INOP, PROCEDURE NA AT NIGHT.
CHART NOTE: FOR INOPERATIVE MALSR, INCREASE RNP 0.30 ALL CATS VISIBILITY TO 1 1/2.
CHART NOTE: GPS REQUIRED.
(SEE FORM 8260-10)

QUALITY CHECKED

CITY AND STATE	ELEVATION: 984 THRE: 979	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP:
OMAHA, NE	AIRPORT NAME: EPPLEY AIRFIELD	RNAV	RNAV (RNP) Z RWY 36, ORIG	AMDT: NONE
				DATED

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]	[X] **ZMP, OMA APP CON, OMA ATCT, AMGR**

FLIGHT CHECKED BY

NAME:	FIFO	DATE:

DEVELOPED BY

NAME:	FIFO	DATE:
DONALD H. LANIER	**AJV-353**	**05/08/2012**

APPROVED BY

NAME:		FIFO	DATE:
LARRY H STROUT	**MANAGER**	**AJV-353**	

CHANGES:

1. ORIG.

REASONS:

1. FPT REQUEST.

US DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

RNAV (RNP) - STANDARD,
INSTRUMENT APPROACH PROCEDURE, - TITLE 14 CFR PART 97.33

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TERMINAL ROUTES, (CONT.):

FROM	TO	COURSE AND DISTANCE	ALTITUDE
CHAZU (IF)	HMENZ (TF) (FB) (RNP 1.00)	175.27 / 3.00	4000
HMENZ	WOOHU (RF) (FB) (RNP 0.90)	(2.44 NM RADIUS CW (CFBJM)) / 1.99	3700
WOOHU	KIRKR (RF) (FB) (RNP 0.90)	(2.44 NM RADIUS CW (CFBJM)) / 2.51	3000
KIRKR	LEAVS (RF) (FB) (RNP 0.30)	(2.44 NM RADIUS CW (CFBJM)) / 3.16	2000
LOESS (IF)	WOOHU (TF) (FB) (RNP 1.00)	222.10 / 4.90	3700
HORSS (IF)	CRRZY (TF) (FB) (RNP 1.00)	122.69 / 4.45	3400
CRRZY	ZIKEP (RF) (FB) (RNP 1.00)	(2.42 NM RADIUS CCW (CFBQN)) / 2.69	2700
ZIKEP	LEAVS (RF) (FB) (RNP 0.30)	(2.42 NM RADIUS CCW (CFBQN)) / 2.70	2000
LEAVS (FAF)	RW36 (MAP) (TF) (FO)	355.20 / 3.03	
RW36 (MAP)	TASKY (TF) (FO) (RNP 1.00)	355.21 / 12.82	3000

NOTES, (CONT.):
CHART PLANVIEW NOTE AT CRRZY : MAX 210 KIAS.
CHART PLANVIEW NOTE AT HMENZ : MAX 210 KIAS.
CHART PLANVIEW NOTE AT KYLEY : MAX 210 KIAS.
CHART PLANVIEW NOTE AT LOESS : MAX 210 KIAS.
CHART PLANVIEW NOTE: RADAR REQUIRED.
CHART PLANVIEW NOTE ADJACENT TO MANWA IAF: RF REQUIRED.
CHART PLANVIEW NOTE ADJACENT TO CHAZU IF: RF REQUIRED.
CHART PLANVIEW NOTE ADJACENT TO LOESS IF: RF REQUIRED.
CHART PLANVIEW NOTE ADJACENT TO HORSS IF: RF REQUIRED.
CHART PLANVIEW NOTE AT BAARK: (RNP 0.30).
CHART PLANVIEW NOTE AT MANWA: (RNP 0.30).
CHART PLANVIEW NOTE AT CHAZU: (RNP 0.30).
CHART PLANVIEW NOTE AT LOESS: (RNP 0.30).

CITY AND STATE	ELEVATION: 984 THRE: 979	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
OMAHA, NE	AIRPORT NAME: EPPLEY AIRFIELD	RNAV	RNAV (RNP) Z RWY 36, ORIG	AMDT: NONE
				DATED:

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:

US DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

RNAV (RNP) - STANDARD,
INSTRUMENT APPROACH PROCEDURE, - TITLE 14 CFR PART 97.33

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CHART PLANVIEW NOTE AT HORSS: (RNP 0.30).
CHART PROFILE NOTE: SEE PLANVIEW FOR MULTIPLE IF LOCATIONS.

QUALITY CHECKED

CITY AND STATE	ELEVATION: 984 THRE: 979	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
OMAHA, NE	AIRPORT NAME: EPPLEY AIRFIELD	RNAV	RNAV (RNP) Z RWY 36, ORIG	AMDT: NONE
				DATED:

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:

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ARINC PACKET - 424-18 - RNAV (RNP)

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                1         2         3         4         5         6         7         8         9         0         1         2         3
WP      12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------------------------
        SUSAEAENRT   BAARK K30    W     N41080861W095534331                    E0030     NAR           BAARK
        SUSAEAENRT   BIGBK K30    W     N41112560W095534235                    E0030     NAR           BIGBK
        SUSAEAENRT   CFBJM K30    W     N41142529W095502740                    E0030     NAR           CNF(CFBJM)
        SUSAEAENRT   CFBQN K30    W     N41142631W095565393                    E0030     NAR           CNF(CFBQN)
        SUSAEAENRT   CFBQQ K30    W     N41112501W095503003                    E0030     NAR           CNF(CFBQQ)
        SUSAEAENRT   CHAZU K30    W     N41172490W095471222                    E0029     NAR           CHAZU
        SUSAEAENRT   CRRZY K30    W     N41123143W095585173                    E0031     NAR           CRRZY
        SUSAEAENRT   HMENZ K30    W     N41142464W095471334                    E0029     NAR           HMENZ
        SUSAEAENRT   HORSS K30    W     N41151487W096033171                    E0031     NAR           HORSS
        SUSAEAENRT   JOKRR K30    W     N41075292W095482764                    E0029     NAR           JOKRR
        SUSAEAENRT   KIRKR K30    W     N41120454W095512115                    E0030     NAR           KIRKR
        SUSAEAENRT   KYLEY K30    W     N41091617W095515885                    E0030     NAR           KYLEY
        SUSAEAENRT   LEAVS K30    W     N41142584W095534146                    E0030     NAR           LEAVS
        SUSAEAENRT   LOESS K30    W     N41155823W095433011                    E0029     NAR           LOESS
        SUSAEAENRT   MANWA K30    W     N41050370W095411965                    E0029     NAR           MANWA
        SUSAEAENRT   TASKY K30    C     N41301704W095533687                    E0030     NAR           TASKY
        SUSAEAENRT   WOOHU K30    W     N41123805W095481523                    E0029     NAR           WOOHU
        SUSAEAENRT   ZIKEP K30    W     N41121574W095552954                    E0030     NAR           ZIKEP

                1         2         3         4         5         6         7         8         9         0         1         2         3
AIRPORT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------------------------
        SUSAP KOMAK3AOMA     0     095YHN41181140W095533860E005000984          1800018000C    MNAR    EPPLEY AIRFIELD

                1         2         3         4         5         6         7         8         9         0         1         2         3
SEGMENT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------------------------
        SUSAP KOMAK3FH36-Z ABAARK 010BAARKK3EA0E  A    IF                                    04000     18000              A FS
        SUSAP KOMAK3FH36-Z ABAARK 020BIGBKK3EA0E  B 010TF                                  + 02800                        A FS
        SUSAP KOMAK3FH36-Z ABAARK 030LEAVSK3EA0EE   031TF                                  + 02000                        A FS
        SUSAP KOMAK3FH36-Z ACHAZU 010CHAZUK3EA0E  B    IF                                  + 05000     18000              A FS
        SUSAP KOMAK3FH36-Z ACHAZU 020HMENZK3EA0E    010TF                                  + 04000         210            A-FS
        SUSAP KOMAK3FH36-Z ACHAZU 030WOOHUK3EA0E   R091RF       0024401753    22210020    + 03700                CFBJM K3EAA FS
        SUSAP KOMAK3FH36-Z ACHAZU 040KIRKRK3EA0E   R091RF       0024402221    28110025    + 03000                CFBJM K3EAA FS
        SUSAP KOMAK3FH36-Z ACHAZU 050LEAVSK3EA0EE  R031RF       0024402811    35520032    + 02000                CFBJM K3EAA FS
        SUSAP KOMAK3FH36-Z AHORSS 010HORSSK3EA0E  B    IF                                    05000     18000              A FS
        SUSAP KOMAK3FH36-Z AHORSS 020CRRZYK3EA0E    010TF                                  + 03400         210            A-FS
        SUSAP KOMAK3FH36-Z AHORSS 030ZIKEPK3EA0E   L010RF       0024201227    05900027    + 02700                CFBQN K3EAA FS
        SUSAP KOMAK3FH36-Z AHORSS 040LEAVSK3EA0EE  L031RF       0024200590    35520027    + 02000                CFBQN K3EAA FS
        SUSAP KOMAK3FH36-Z ALOESS 010LOESSK3EA0E  B    IF                                  + 04000     18000210           A-FS
        SUSAP KOMAK3FH36-Z ALOESS 020WOOHUK3EA0E    010TF                                  + 03700                        A FS
```

QUALITY CHECKED

CITY AND STATE	ELEVATION: **984** **THRE: 979**	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
OMAHA, NE	AIRPORT NAME: **EPPLEY AIRFIELD**	**RNAV**	**RNAV (RNP) Z RWY 36, ORIG**	AMDT: **NONE**
				DATED:

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:

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SUSAP KOMAK3FH36-Z ALOESS 030KIRKRK3EA0E   R091RF       0024402221    28110025    + 03000                CFBJM K3EAA FS
SUSAP KOMAK3FH36-Z ALOESS 040LEAVSK3EA0EE  R031RF       0024402811    35520032    + 02000                CFBJM K3EAA FS
SUSAP KOMAK3FH36-Z AMANWA 010MANWAK3EA0E   A    IF                                  05000      18000              A FS
SUSAP KOMAK3FH36-Z AMANWA 020JOKRRK3EA0E   B 010TF                                  + 04000                       A FS
SUSAP KOMAK3FH36-Z AMANWA 030KYLEYK3EA0E     010TF                                  + 03400          210          A-FS
SUSAP KOMAK3FH36-Z AMANWA 040BIGBKK3EA0E   R010RF       0024202926    35520027    + 02800                CFBQQ K3EAA FS
SUSAP KOMAK3FH36-Z AMANWA 050LEAVSK3EA0EE    031TF                                  + 02000                       A FS
SUSAP KOMAK3FH36-Z H      020LEAVSK3EA1E   F    IF                                  + 02000      18000     RW36   K3PGA FS
SUSAP KOMAK3FH36-Z H      020LEAVSK3EA2W                                                A031                        FS
SUSAP KOMAK3FH36-Z H      030RW36 K3PG0GY M 031TF                                    01036           -300          A FS
SUSAP KOMAK3FH36-Z H      040TASKYK3EA0EYM  010TF                                  + 03000                       A FS
SUSAP KOMAK3FH36-Z H      050TASKYK3EA0EE  R   HM                     17520040    + 03000                       A FS
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                1         2         3         4         5         6         7         8         9         0         1         2         3
RUNWAY  12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------
        SUSAP KOMAK3GRW36     0081533552 N41172751W095534062+0000     +027050097900005815OIIOGN1
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                1         2         3         4         5         6         7         8         9         0         1         2         3
MSA     12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------
        SUSAP KOMAK3SRW36 K3PG               0   18018003825                                                              M
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QUALITY CHECKED

CITY AND STATE	ELEVATION: 984 THRE: 979	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
OMAHA, NE	AIRPORT NAME: **EPPLEY AIRFIELD**	**RNAV**	**RNAV (RNP) Z RWY 36, ORIG**	AMDT: **NONE**
				DATED:

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:

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

RNAV (RNP) STANDARD INSTRUMENT APPROACH PROCEDURE

FLIGHT STANDARDS SERVICES - **FAR PART 97.33**

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ARINC SUMMARY - 424-18 - RNAV (RNP)

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
	BAARK	BAARK	010	IAF	IF		FB				AT 04000	
	BAARK	BIGBK	020		TF		FB	1.0			AA 02800	
	BAARK	LEAVS	030		TF		FB	0.3			AA 02000	
	CHAZU	CHAZU	010		IF		FB				AA 05000	
	CHAZU	HMENZ	020		TF		FB	1.0			AA 04000	AB 210
	CHAZU	WOOHU	030		RF	R	FB	0.9		002.0	AA 03700	
	CHAZU	KIRKR	040		RF	R	FB	0.9		002.5	AA 03000	
	CHAZU	LEAVS	050		RF	R	FB	0.3		003.2	AA 02000	
	HORSS	HORSS	010		IF		FB				AT 05000	
	HORSS	CRRZY	020		TF		FB	1.0			AA 03400	AB 210
	HORSS	ZIKEP	030		RF	L	FB	1.0		002.7	AA 02700	
	HORSS	LEAVS	040		RF	L	FB	0.3		002.7	AA 02000	
	LOESS	LOESS	010		IF		FB				AA 04000	AB 210
	LOESS	WOOHU	020		TF		FB	1.0			AA 03700	
	LOESS	KIRKR	030		RF	R	FB	0.9		002.5	AA 03000	
	LOESS	LEAVS	040		RF	R	FB	0.3		003.2	AA 02000	
	MANWA	MANWA	010	IAF	IF		FB				AT 05000	
	MANWA	JOKRR	020		TF		FB	1.0			AA 04000	
	MANWA	KYLEY	030		TF		FB	1.0			AA 03400	AB 210
	MANWA	BIGBK	040		RF	R	FB	1.0		002.7	AA 02800	
	MANWA	LEAVS	050		TF		FB	0.3			AA 02000	
		LEAVS	020	FAF	IF		FB				AA 02000	
		RW36	030	MAP	TF		FO	0.3			AT 01036	

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
	TASKY	040		TF		FO	1.0			AA 03000	
	TASKY	050		HM	R	FO		175.2(180.2T)	004.0	AA 03000	

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	BAARK	N410808.61	W0955343.31	N4108.144	W09553.722
	BIGBK	N411125.60	W0955342.35	N4111.427	W09553.706
	CFBJM	N411425.29	W0955027.40	N4114.422	W09550.457
	CFBQN	N411426.31	W0955653.93	N4114.439	W09556.899
	CFBQQ	N411125.01	W0955030.03	N4111.417	W09550.501
	CHAZU	N411724.90	W0954712.22	N4117.415	W09547.204
	CRRZY	N411231.43	W0955851.73	N4112.524	W09558.862
	HMENZ	N411424.64	W0954713.34	N4114.411	W09547.222
	HORSS	N411514.87	W0960331.71	N4115.248	W09603.529
	JOKRR	N410752.92	W0954827.64	N4107.882	W09548.461
	KIRKR	N411204.54	W0955121.15	N4112.076	W09551.353

QUALITY CHECKED

CITY AND STATE	ELEVATION: **984** THRE: **979**	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
OMAHA, NE	AIRPORT NAME: **EPPLEY AIRFIELD**	**RNAV**	**RNAV (RNP) Z RWY 36, ORIG**	AMDT: **NONE**
				DATED:

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:

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KYLEY	N410916.17	W0955158.85	N4109.270	W09551.981
LEAVS	N411425.84	W0955341.46	N4114.431	W09553.691
LOESS	N411558.23	W0954330.11	N4115.971	W09543.502
MANWA	N410503.70	W0954119.65	N4105.062	W09541.328
TASKY	N413017.04	W0955336.87	N4130.284	W09553.615
WOOHU	N411238.05	W0954815.23	N4112.634	W09548.254
ZIKEP	N411215.74	W0955529.54	N4112.262	W09555.492
RW36	N411727.51	W0955340.62	N4117.459	W09553.677

RUNWAY DATA

RWY	THRESHOLD ELEVATION	TCH
RW36	00979	58

QUALITY 7 CHECKED

CITY AND STATE	ELEVATION: 984 THRE: 979	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
OMAHA, NE	AIRPORT NAME: EPPLEY AIRFIELD	RNAV	RNAV (RNP) Z RWY 36, ORIG	AMDT: NONE
				DATED:

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.
INITIAL	BAARK	BIGBK	1. AAO	410951.00N/0955357.00W	1434 (4E)	1000	AC98 AT268	2800
(RNP 1.00)			2. TERRAIN	410954.00N/0955357.00W	1234 (1200)		AS1000	2200
INITIAL	MANWA	JOKRR	3. AAO	410800.00N/0954624.00W	1523 (4E)	1000	AC98 AT1379	4000
(RNP 1.00)			4. TERRAIN	410815.00N/0954630.00W	1323 (1300)		AS1500	2800
INTERMEDIATE	BIGBK	LEAVS	5. TOWER (19-000096)	411228.00N/0955425.00W	1309 (1D)	500	AC50	1900
(RNP 0.30)			6. TERRAIN	411321.00N/0955318.00W	985 (1000)		AS1000	2000
INTERMEDIATE	JOKRR	KYLEY	7. AAO	410754.00N/0954736.00W	1519 (4E)	500	AC98 AT1283	3400
(RNP 1.00)			8. TERRAIN	410818.00N/0954821.00W	1231 (1200)		AS1000	2200
INTERMEDIATE: STEPDOWN	KYLEY	BIGBK	1. AAO	410951.00N/0955357.00W	1434 (4E)	500	AC98 AT768	2800
(RNP 1.00)			2. TERRAIN	410954.00N/0955357.00W	1234 (1200)		AS1000	2200
INTERMEDIATE	CHAZU	HMENZ	9. AAO	411812.00N/0954833.00W	1506 (4E)	500	AC98 AT1896	4000
(RNP 1.00)			10. TERRAIN	411721.00N/0954918.00W	1264 (1300)		AS1000	2300
INTERMEDIATE: STEPDOWN	HMENZ	WOOHU	11. AAO	411536.00N/0954539.00W	1460 (4E)	500	AC98 AT1642	3700
(RNP 0.90)			12. TERRAIN	411409.00N/0954636.00W	1218 (1200)		AS1000	2200
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: **RW36**

SECTOR	OBSTRUCTION	BRG/DIST	ELEVATION (MSL)	M S A	SECTOR	OBSTRUCTION	BRG/DIST	ELEVATION (MSL)	M S A
360-360	TWR (31-000644)	224/ 20.0	2731 (2C)	3800					

CITY AND STATE		FACILITY	PROCEDURE AND AMENDMENT NO:	REGION
OMAHA, NE	ELEVATION: 984 AIRPORT NAME: EPPLEY AIRFIELD	RNAV	RNAV (RNP) Z RWY 36, ORIG	ACE

PART B - SUPPLEMENTAL DATA

1. COMMUNICATIONS WITH:	2. WEATHER SERVICE	3. ALTIMETER SETTING
ZMP ARTCC OMA APP CON OMA TOWER	[ ] NWS [ ] FAA [ ] A/C OTHER: ASOS	SOURCE: KOMA DISTANCE: HOURS REMOTE OPERATION: 24
SATISFACTORY ON:		
[X] VHF [X] UHF [ ] HF	LOCATION: KOMA	ADJUSTMENT: 0

4. MONITOR STATUS	PRIMARY NAVAID:	
	MONITOR POINT:	
	HRS OPTN: CAT 1	
	HRS OPTN: CAT 3	
5. APPROACH & RUNWAY LIGHTING	X	ALSF-2 14R, 32R
		(S) SALS
	X	MALSR 14L, 18, 36, 32L
	X	HIRL 14L, 18, 14R, 36, 32R, 32L
		MIRL
		REIL
	X	TDZ 14R, 32R
	X	C/L 14L, 14R, 32R, 32L
	X	OTHER (SPECIFY) PAPI-4R 32R, 32L PAPI-4L 14L, 18, 14R, 36

6. RUNWAY MARKINGS	BASIC		
	ALL WEATHER	PIR-G 14L, 18, 14R, 36, 32R, 32L	
	INSTRUMENT		
7. RUNWAY VISUAL RANGE	APPROACH	14L, 18, 14R, 32R, 32L	
	MIDFIELD	14L, 18, 14R, 32R, 32L	
	ROLL OUT	14L, 14R, 32R, 32L	
8. GLIDE PATH	GP ANGLE: 3.00		ELEV RWY THRESHOLD: 978.5
	DISTANCE FROM RWY:		ELEV GP ANTENNA:
			THRESHOLD CROSSING HEIGHT: 57.8

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

10. WAIVERS: 2

ORDER 8260.52, PARAGRAPH 2.4; INTERMEDIATE SEGMENT DESCENT GRADIENT EXCEEDS 318 FT/NM.
ORDER 8260.54A, PARAGRAPH 2.5.3; BANK ANGLE EXCEEDS 20 DEGREES (REFERENCE AFS-400 MEMO DATED 10/3/2011).

PART D - PREPARED BY: DONALD H. LANIER	DATE: 05/08/2012
TITLE: AERONAUTICAL INFORMATION SPECIALIST	OFFICE: AJV-353

PART C - REMARKS:

VDP NOT ESTABLISHED - RNP PROCEDURE.

PARA 251, 20:1 PENETRATION.

PARA 251, 34:1 PENETRATION.

PRECIPITOUS TERRAIN EVALUATION COMPLETED.

VGSI DATA: 3.00/57.2.

SEE ATTACHED AIRSPACE LETTER.

MAX SPEED CRRZY TO ZIKEP - 210 KIAS.
MAX SPEED ZIKEP TO LEAVS - 210 KIAS.
MAX SPEED KYLEY TO BIGBK - 210 KIAS.
MAX SPEED HMENZ TO WOOHU - 210 KIAS
MAX SPEED WOOHU TO KIRKR - 210 KIAS
MAX SPEED KIRKR TO LEAVS - 210 KIAS

AUTHORIZATION REQUIRED. FAAO 8260.52 CRITERIA APPLIED.

MISSED APPROACH: FAAO 8260.52, PARA 4.2 CRITERIA APPLIED.

HIGH TEMPERATURE LIMIT VALUE DERIVED FROM AFS 400 CALCULATOR.
BARO-VNAV NA BELOW -17C (2F) OR ABOVE 54C (130F).

AVERAGE COLD TEMPERATURE BASED ON 5-YEAR HISTORY (2006-2010). ACT: -24.

DELTA ISA (LOW) ADJUSTED TO INCREASE EFFECTIVE GLIDEPATH ANGLE IAW 8260.52 PARA 3.2.1 FORMULAS 3-4 AND 3-5. DELTA ISA (LOW): -30.09 (-22.16).

VEB ROC (0.30 HIGHER VALUE) APPLIED/USED.

BACK-UP ALTIMETER NOT PUBLISHED-REDUNDANT SOURCES ON AIRPORT.

RNP 0.30 AND 0.90 USED ON SOME INTERMEDIATE SEGMENTS FOR TERRAIN AVOIDANCE/AIRSPACE/ATC REQUESTED ALTITUDE & TRACKS.

MULTIPLE INTERMEDIATE SEGMENTS DEVELOPED PER ATC REQUEST.

ORDER 8260.3, VOLUME 1 "VISUAL PORTION OF FINAL"
PENETRATIONS: (FPT NOTIFIED OF 20:1)
20:1:
997 NAVAID (KOMAL245) (2C) 411717.51N/0955346.08W (0.34)

34:1:
1112 OL ON TWR (KOMA0008) (1A) 411642.53N/0955329.68W (9.21)
1085 TREE (KOMAL025) (2C) 411645.31N/0955340.96W (8.28)
1090 TREE (KOMAL291) (2C) 411643.43N/0955342.68W (7.67)
1085 TREE (KOMAL050) (2C) 411645.07N/0955343.59W (7.54)
1081 NAVAID (KOMAL067) (2C) 411645.27N/0955338.96W (4.17)
1089 TREE (KOMAL024) (2C) 411642.37N/0955349.12W (3.47)
1088 TREE (KOMAL292) (2C) 411642.67N/0955347.42W (3.37)
996 OL ON DME (KOMA0027) (1A) 411719.52N/0955344.14W (3.17)

80:1 PENETRATION:
988 NAVAID (KOMAL242) (1B) 411717.51N/0955340.68W (7.11)
(FIX BY FUNCTION)

QUALITY 1 CHECKED

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.
INTERMEDIATE: STEPDOWN	WOOHU	KIRKR	13. STACK (19-002538)	411053.50N/0955009.20W	1532 (5D)	500	AC50 AT918	3000
(RNP 0.90)			14. TERRAIN	411118.00N/0954636.00W	1067 (1100)		AS1000	2100
INTERMEDIATE: STEPDOWN	KIRKR	LEAVS	15. AAO	411239.00N/0955218.00W	1185 (4E)	500	AC98	1800
(RNP 0.30)			6. TERRAIN	411321.00N/0955318.00W	985 (1000)		AS1000	2000
INTERMEDIATE	LOESS	WOOHU	16. AAO	411703.00N/0954318.00W	1503 (4E)	500	AC98 AT1599	3700
(RNP 1.00)			17. TERRAIN	411451.00N/0954300.00W	1293 (1300)		AS1000	2300
INTERMEDIATE	HORSS	CRRZY	18. TOWER (31-001088)	411330.00N/0955712.00W	1621 (5D)	500	AC50 AT1229	3400
(RNP 1.00)			19. TERRAIN	411439.00N/0960209.00W	1241 (1200)		AS1000	2200
INTERMEDIATE: STEPDOWN	CRRZY	ZIKEP	18. TOWER (31-001088)	411330.00N/0955712.00W	1621 (5D)	500	AC50 AT529	2700
(RNP 1.00)			20. TERRAIN	411215.00N/0955824.00W	1234 (1200)		AS1000	2200
INTERMEDIATE: STEPDOWN	ZIKEP	LEAVS	5. TOWER (19-000096)	411228.00N/0955425.00W	1309 (1D)	500	AC50	1900
(RNP 0.30)			21. TERRAIN	411248.00N/0955551.00W	1024 (1000)		AS1000	2000
FINAL: RNP 0.30	LEAVS	RW36	22. POLE (KOMA0006)	411638.38N/0955325.45W	1114 (1A)	21.71:1	AC3 MA31	1425/446
MISSED APPROACH	DA	RW36	23. TREE (KOMAL060)	411630.41N/0955339.22W	1092 (2C)	ASC	AC20	
(RNP 0.30-1.00)		40:1	24. TREE (KOMAL051)	411628.44N/0955343.13W	1091 (2C)	ASC	AC20	
3. MISSED APPROACH MAP:								
ELEV:								

4. CIRCLING AREA	DISTANCE	HT. ABV. ARPT. REQUIRED	HT. ABV. ARPT. 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

QUALITY CHECKED

CITY AND STATE		FACILITY	PROCEDURE AND AMENDMENT NO:	REGION
OMAHA, NE	ELEVATION: 984 AIRPORT NAME: EPPLEY AIRFIELD	RNAV	RNAV (RNP) Z RWY 36, ORIG	ACE

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	
	HRS OPTN: 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:

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

PART C - REMARKS:

CONTINUED.

RF SEGMENT RADIUS/BANK ANGLE COMPUTATIONS:

SEGMENT	ALT	KIAS	KTAS	HAA	*VKTW	TR	BA
KIRKR-LEAVS	3000	210	222.60	2015.7	52	2.44	24.27
WOOHU-KIRKR	3700	210	225.54	2715.7	52	2.44	24.73
HMENZ-WOOHU	4000	210	226.80	3015.7	51	2.44	24.77
KYLEY-BIGBK	3412.5	210	224.33	2428.2	52	2.42	24.72
ZIKEP-LEAVS	2700	210	221.34	1715.7	30	2.42	20.85
CRRZY-ZIKEP	3400	210	224.28	2415.7	52	2.42	24.71

*VKTW WINDS FROM 99% MITRE AND 8260.54A FORMULA 2-3B.

REQUEST FC 4D AC ON OB #25, 1531 MSL TOWER 412935.87N/0955158.03W.

QUALITY CHECKED

STANDARD INSTRUMENT APPROACH PROCEDURE DATA RECORD

PART - A OBSTRUCTION DATA

1. APP SEGMENT	FROM	TO	OBSTRUCTION	COORDINATES	ELEV. MSL	ROC	ALT. ADJUSTMENTS	MIN. ALT.
MISSED APPROACH	**RW36**	**TASKY**				**ASC**		
(RNP 0.30-1.00)		**40:1**						
3. MISSED APPROACH MAP:	**DA**	**TASKY**				**ASC**		**3000**
			25. TOWER (19-002885)	**412935.87N/0955158.03W**	**1531 (4D)**	**1000**		**2600**
ELEV:	**1100**		**26. TERRAIN**	**412930.00N/0955154.00W**	**1349 (1300)**		**AS1500**	**2800**

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

QUALITY CHECKED

CITY AND STATE	ELEVATION / AIRPORT NAME	FACILITY	PROCEDURE AND AMENDMENT NO:	REGION
OMAHA, NE	**ELEVATION: 984** AIRPORT NAME: **EPPLEY AIRFIELD**	**RNAV**	**RNAV (RNP) Z RWY 36, ORIG**	**ACE**

FAA Form 8260 - 9 / April 2006 (Computer Generated)

PART B - SUPPLEMENTAL DATA

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

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

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

PART C - REMARKS:

RADIO FIX AND HOLDING DATA RECORD

NAME: BAARK **STATE:** NE **COUNTRY:** US

LATITUDE/LONGITUDE: 410808.61N/0955343.31W **TYPE:** WP

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

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	RNAV (RNP) Z RWY 32L			KOMA	OMAHA	NE (US)
IAP	RNAV (RNP) Z RWY 32R			KOMA	OMAHA	NE (US)
IAP	RNAV (RNP) Z RWY 36			KOMA	OMAHA	NE (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: ORIG **DATE OF REVISION:** 09/20/2012

DEVELOPED BY: **DATE:** 04/27/2012 **OFFICE:** AJV-353 **NAME:** DONALD LANIER

APPROVED BY: **DATE:** **OFFICE:** AJV-353 **NAME:** LARRY STROUT

SIGNATURE:

DISTRIBUTION:
NFDC
FPO: CEN
ARTCC: ZMP
ATC FACILITY: OMA APP CON, OMA ATCT
OTHER:

RADIO FIX AND HOLDING DATA RECORD

NAME: BIGBK **STATE:** IA **COUNTRY:** US

LATITUDE/LONGITUDE: 411125.60N/0955342.35W **TYPE:** WP

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

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	RNAV (RNP) Z RWY 36			KOMA	OMAHA	NE (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: ORIG **DATE OF REVISION:** 09/20/2012

DEVELOPED BY: **DATE:** 05/09/2012 **OFFICE:** AJV-353 **NAME:** DONALD LANIER

APPROVED BY: **DATE:** **OFFICE:** AJV-353 **NAME:** LARRY STROUT

SIGNATURE:

DISTRIBUTION:
NFDC
FPO: CEN
ARTCC: ZMP
ATC FACILITY: OMA APP CON, OMA ATCT
OTHER:

RADIO FIX AND HOLDING DATA RECORD

NAME: CFBJM **STATE:** IA **COUNTRY:** US

LATITUDE/LONGITUDE: 411425.29N/0955027.40W **TYPE:** CNF

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

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	RNAV (RNP) Z RWY 36			KOMA	OMAHA	NE (US)

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: ORIG **DATE OF REVISION:** 09/20/2012

DEVELOPED BY: **DATE:** 05/09/2012 **OFFICE:** AJV-353 **NAME:** DONALD LANIER

APPROVED BY: **DATE:** **OFFICE:** AJV-353 **NAME:** LARRY STROUT

SIGNATURE:

DISTRIBUTION:
NFDC
FPO: CEN
ARTCC: ZMP
ATC FACILITY: OMA APP CON, OMA ATCT
OTHER:

QUALITY

RADIO FIX AND HOLDING DATA RECORD

NAME: CFBQN **STATE:** NE **COUNTRY:** US

LATITUDE/LONGITUDE: 411426.31N/0955653.93W - **TYPE:** CNF

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

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	RNAV (RNP) Z RWY 36			KOMA	OMAHA	NE (US)

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: ORIG **DATE OF REVISION:** 09/20/2012

DEVELOPED BY: **DATE:** 05/09/2012 **OFFICE:** AJV-353 **NAME:** DONALD LANIER

APPROVED BY: **DATE:** **OFFICE:** AJV-353 **NAME:** LARRY STROUT

SIGNATURE:

DISTRIBUTION:
NFDC
FPO: CEN
ARTCC: ZMP
ATC FACILITY: OMA APP CON, OMA ATCT
OTHER:

RADIO FIX AND HOLDING DATA RECORD

NAME: CFBQQ **STATE:** IA **COUNTRY:** US

LATITUDE/LONGITUDE: 411125.01N/0955030.03W **TYPE:** CNF

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

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	RNAV (RNP) Z RWY 36			KOMA	OMAHA	NE (US)

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: ORIG **DATE OF REVISION:** 09/20/2012

DEVELOPED BY: **DATE:** 05/09/2012 **OFFICE:** AJV-353 **NAME:** DONALD LANIER

APPROVED BY: **DATE:** **OFFICE:** AJV-353 **NAME:** LARRY STROUT

SIGNATURE:

DISTRIBUTION:
NFDC
FPO: CEN
ARTCC: ZMP
ATC FACILITY: OMA APP CON, OMA ATCT
OTHER:

QUALITY CHECKED 1

RADIO FIX AND HOLDING DATA RECORD

NAME: CHAZU **STATE:** IA **COUNTRY:** US

LATITUDE/LONGITUDE: 411724.90N/0954712.22W **TYPE:** WP

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

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	RNAV (RNP) Z RWY 36			KOMA	OMAHA	NE (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: ORIG **DATE OF REVISION:** 09/20/2012

DEVELOPED BY: **DATE:** 05/09/2012 **OFFICE:** AJV-353 **NAME:** DONALD LANIER

APPROVED BY: **DATE:** **OFFICE:** AJV-353 **NAME:** LARRY STROUT

SIGNATURE:

DISTRIBUTION:
NFDC
FPO: CEN
ARTCC: ZMP
ATC FACILITY: OMA APP CON, OMA ATCT
OTHER:

RADIO FIX AND HOLDING DATA RECORD

NAME: CRRZY **STATE:** NE **COUNTRY:** US

LATITUDE/LONGITUDE: 411231.43N/0955851.73W **TYPE:** WP

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

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	RNAV (RNP) Z RWY 36			KOMA	OMAHA	NE (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: ORIG **DATE OF REVISION:** 09/20/2012

DEVELOPED BY: **DATE:** 05/09/2012 **OFFICE:** AJV-353 **NAME:** DONALD LANIER

APPROVED BY: **DATE:** **OFFICE:** AJV-353 **NAME:** LARRY STROUT

SIGNATURE:

DISTRIBUTION:
NFDC
FPO: CEN
ARTCC: ZMP
ATC FACILITY: OMA APP CON, OMA ATCT
OTHER:

RADIO FIX AND HOLDING DATA RECORD

NAME: HMENZ **STATE:** IA **COUNTRY:** US

LATITUDE/LONGITUDE: 411424.64N/0954713.34W **TYPE:** WP

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

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	RNAV (RNP) Z RWY 36			KOMA	OMAHA	NE (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: ORIG **DATE OF REVISION:** 09/20/2012

DEVELOPED BY: **DATE:** 05/09/2012 **OFFICE:** AJV-353 **NAME:** DONALD LANIER

APPROVED BY: **DATE:** **OFFICE:** AJV-353 **NAME:** LARRY STROUT

SIGNATURE:

DISTRIBUTION:
NFDC
FPO: CEN
ARTCC: ZMP
ATC FACILITY: OMA APP CON, OMA ATCT
OTHER:

QUALITY CHECKED 1

RADIO FIX AND HOLDING DATA RECORD

NAME: HORSS **STATE:** NE **COUNTRY:** US

LATITUDE/LONGITUDE: 411514.87N/0960331.71W **TYPE:** WP

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

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	RNAV (RNP) Z RWY 36			KOMA	OMAHA	NE (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: ORIG **DATE OF REVISION:** 09/20/2012

DEVELOPED BY: **DATE:** 05/09/2012 **OFFICE:** AJV-353 **NAME:** DONALD LANIER

APPROVED BY: **DATE:** **OFFICE:** AJV-353 **NAME:** LARRY STROUT

SIGNATURE:

DISTRIBUTION:
NFDC
FPO: CEN
ARTCC: ZMP
ATC FACILITY: OMA APP CON, OMA ATCT
OTHER:

RADIO FIX AND HOLDING DATA RECORD

NAME: JOKRR **STATE:** IA **COUNTRY:** US

LATITUDE/LONGITUDE: 410752.92N/0954827.64W **TYPE:** WP

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

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	RNAV (RNP) Z RWY 36			KOMA	OMAHA	NE (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: ORIG **DATE OF REVISION:** 09/20/2012

DEVELOPED BY: **DATE:** 05/09/2012 **OFFICE:** AJV-353 **NAME:** DONALD LANIER

APPROVED BY: **DATE:** **OFFICE:** AJV-353 **NAME:** LARRY STROUT

SIGNATURE:

DISTRIBUTION:
NFDC
FPO: CEN
ARTCC: ZMP
ATC FACILITY: OMA APP CON, OMA ATCT
OTHER:

RADIO FIX AND HOLDING DATA RECORD

NAME: KIRKR **STATE:** IA **COUNTRY:** US

LATITUDE/LONGITUDE: 411204.54N/0955121.15W **TYPE:** WP

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

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	RNAV (RNP) Z RWY 36			KOMA	OMAHA	NE (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: ORIG **DATE OF REVISION:** 09/20/2012

DEVELOPED BY: **DATE:** 05/09/2012 **OFFICE:** AJV-353 **NAME:** DONALD LANIER

APPROVED BY: **DATE:** **OFFICE:** AJV-353 **NAME:** LARRY STROUT

SIGNATURE:

DISTRIBUTION:
NFDC
FPO: CEN
ARTCC: ZMP
ATC FACILITY: OMA APP CON, OMA ATCT
OTHER:

RADIO FIX AND HOLDING DATA RECORD

NAME: KYLEY **STATE:** IA **COUNTRY:** US

LATITUDE/LONGITUDE: 410916.17N/0955158.85W **TYPE:** WP

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

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	RNAV (RNP) Z RWY 36			KOMA	OMAHA	NE (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: ORIG **DATE OF REVISION:** 09/20/2012

DEVELOPED BY: **DATE:** 05/09/2012 **OFFICE:** AJV-353 **NAME:** DONALD LANIER

APPROVED BY: **DATE:** **OFFICE:** AJV-353 **NAME:** LARRY STROUT

SIGNATURE:

DISTRIBUTION: **NFDC**
FPO: CEN
ARTCC: ZMP
ATC FACILITY: OMA APP CON, OMA ATCT
OTHER:

RADIO FIX AND HOLDING DATA RECORD

NAME: LEAVS **STATE:** IA **COUNTRY:** US

LATITUDE/LONGITUDE: 411425.84N/0955341.46W **TYPE:** WP

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

REMARKS:
8260.54A FORMULA 2-16B RNP PFAF LOCATION

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	RNAV (RNP) Z RWY 36			KOMA	OMAHA	NE (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: ORIG **DATE OF REVISION:** 09/20/2012

DEVELOPED BY: **DATE:** 05/09/2012 **OFFICE:** AJV-353 **NAME:** DONALD LANIER

APPROVED BY: **DATE:** **OFFICE:** AJV-353 **NAME:** LARRY STROUT

SIGNATURE:

DISTRIBUTION:
NFDC
FPO: CEN
ARTCC: ZMP
ATC FACILITY: OMA APP CON, OMA ATCT
OTHER:

QUALITY CHECKED 1

RADIO FIX AND HOLDING DATA RECORD

NAME: LOESS **STATE:** IA **COUNTRY:** US

LATITUDE/LONGITUDE: 411558.23N/0954330.11W **TYPE:** WP

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

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	RNAV (RNP) Z RWY 32L			KOMA	OMAHA	NE (US)
IAP	RNAV (RNP) Z RWY 32R			KOMA	OMAHA	NE (US)
IAP	RNAV (RNP) Z RWY 36			KOMA	OMAHA	NE (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: ORIG **DATE OF REVISION:** 09/20/2012

DEVELOPED BY: **DATE:** 04/27/2012 **OFFICE:** AJV-353 **NAME:** DONALD LANIER

APPROVED BY: **DATE:** **OFFICE:** AJV-353 **NAME:** LARRY STROUT

SIGNATURE:

DISTRIBUTION:
NFDC
FPO: CEN
ARTCC: ZMP
ATC FACILITY: OMA APP CON, OMA ATCT
OTHER:

RADIO FIX AND HOLDING DATA RECORD

NAME: MANWA **STATE:** IA **COUNTRY:** US

LATITUDE/LONGITUDE: 410503.70N/0954119.65W **TYPE:** WP

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

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	RNAV (RNP) Z RWY 32L			KOMA	OMAHA	NE (US)
IAP	RNAV (RNP) Z RWY 32R			KOMA	OMAHA	NE (US)
IAP	RNAV (RNP) Z RWY 36			KOMA	OMAHA	NE (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: ORIG **DATE OF REVISION:** 09/20/2012

DEVELOPED BY: **DATE:** 04/26/2012 **OFFICE:** AJV-353 **NAME:** DONALD LANIER

APPROVED BY: **DATE:** **OFFICE:** AJV-353 **NAME:** LARRY STROUT

SIGNATURE:

DISTRIBUTION:
NFDC
FPO: CEN
ARTCC: ZMP
ATC FACILITY: OMA APP CON, OMA ATCT
OTHER:

RADIO FIX AND HOLDING DATA RECORD

NAME: TASKY **STATE:** IA **COUNTRY:** US

LATITUDE/LONGITUDE: 413017.04N/0955336.87W **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	OMAHA	I-PPY	LOC/DME		355.21	000.21	12.99	12.99		3000	5400

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	N		WP	355.21	175.21	R		4	3000	6000	5	6

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	200	AAO	412930.00N/0955154.00W	1549	2C

HOLDING RESTRICTIONS:
HOLDING LIMITED TO ESTABLISHED PATTERN.

REMARKS:
PRECIPITOUS TERRAIN EVALUATION COMPLETED.
I-PPY DME COORDINATES: 411717.51N/0955346.08W.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	ILS OR LOC/DME RWY 18	1		KOMA	OMAHA	NE (US)
IAP	RNAV (GPS) Y RWY 18		1	KOMA	OMAHA	NE (US)
IAP	RNAV (GPS) Y RWY 36		1	KOMA	OMAHA	NE (US)
IAP	RNAV (RNP) Z RWY 18			KOMA	OMAHA	NE (US)
IAP	RNAV (RNP) Z RWY 36		1	KOMA	OMAHA	NE (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 5 **DATE OF REVISION:** 09/20/2012

REASON FOR REVISION:
UPDATED FIX USE.
ADDED FAC 1 DIST FROM FAC 12.99 NM.
DELETED FAC 2 DATA.
ADDED HOLDING PATTERN LIMIT RESTRICTION.
ADDED PRECIPITOUS TERRAIN EVALUATION REMARK.
MODIFIED HOLDING PAT 1 OBSTRUCTION DESCRIPTION.
CHANGED FAC 1 MAA FROM 17500 TO 5400.

DEVELOPED BY: **DATE:** 06/27/2011 **OFFICE:** AJV-353 **NAME:** DONALD LANIER

APPROVED BY: **DATE:** **OFFICE:** AJV-353 **NAME:** LARRY STROUT

SIGNATURE:

DISTRIBUTION:
NFDC
FPO: CEN
ARTCC: ZMP
ATC FACILITY: OMA APP CON, OMA ATCT
OTHER:

RADIO FIX AND HOLDING DATA RECORD

NAME: WOOHU **STATE:** IA **COUNTRY:** US

LATITUDE/LONGITUDE: 411238.05N/0954815.23W **TYPE:** WP

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

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	RNAV (RNP) Z RWY 36			KOMA	OMAHA	NE (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: ORIG **DATE OF REVISION:** 09/20/2012

DEVELOPED BY: **DATE:** 05/09/2012 **OFFICE:** AJV-353 **NAME:** DONALD LANIER

APPROVED BY: **DATE:** **OFFICE:** AJV-353 **NAME:** LARRY STROUT

SIGNATURE:

DISTRIBUTION:
NFDC
FPO: CEN
ARTCC: ZMP
ATC FACILITY: OMA APP CON, OMA ATCT
OTHER:

QUALITY CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: ZIKEP **STATE:** IA **COUNTRY:** US

LATITUDE/LONGITUDE: 411215.74N/0955529.54W **TYPE:** WP

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

FIX USE: USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	RNAV (RNP) Z RWY 36			KOMA	OMAHA	NE (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: ORIG **DATE OF REVISION:** 09/20/2012

DEVELOPED BY: **DATE:** 05/09/2012 **OFFICE:** AJV-353 **NAME:** DONALD LANIER

APPROVED BY: **DATE:** **OFFICE:** AJV-353 **NAME:** LARRY STROUT

SIGNATURE:

DISTRIBUTION:
NFDC
FPO: CEN
ARTCC: ZMP
ATC FACILITY: OMA APP CON, OMA ATCT
OTHER:

TERMINAL AIRSPACE DATA REQUIREMENTS

CITY: **OMAHA** STATE: **NE**

AIRPORT NAME: **EPPLEY AIRFIELD** ID: **KOMA**

PROCEDURE: **RNAV (RNP) Z RWY 36** 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 **3.03**
   (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 **000.20**
4. High Terrain in **FINAL** segment containing 1000' point **991**
5. Distance from **THLD** to 1500' point **4.60**
   (If 1500' point in PT maneuvering area or holding pattern note in remarks)
6. Width of **INTERMEDIATE** segment at 1500' point **1.20**
7. True Course of **INTERMEDIATE** segment containing 1500' point **000.21**
8. High Terrain in **INTERMEDIATE** segment containing 1500' point **985**
9. Threshold Coordinates (if straight-in) ... **411727.51N** / **0955340.62W**
10. ARP Coordinates ..... **411811.40N** / **0955338.60W**
11. Runway Approach End and distance furthest from ARP ..... RWY **14R**
    Distance **0.84** NM
12. FAF Coordinates ..... **411425.84N** / **0955341.46W**

REMARKS: Approach/Drawing attached.

1000' PT IS AT PFAF (AT 3.03 NM).
1500' PT IN TF SEGMENT BIGBK (411125.60N/0955342.35W) TO LEAVS (411425.84N/0955341.46W)
THIS IS AIRSPACE FORM 1 OF 3.

TERMINAL AIRSPACE DATA REQUIREMENTS

CITY: **OMAHA** STATE: **NE**

AIRPORT NAME: **EPPLEY AIRFIELD** ID: **KOMA**

PROCEDURE: **RNAV (RNP) Z RWY 36** 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 (Enter THLD, FAF, ARP, FACILITY, as appropriate)	**THLD**	to 1000' point	**3.03**
2. Width of (Enter appropriate segment, final, intermediate, etc.)	**FINAL**	segment at 1000' point	**1.20**
3. True Course of	**FINAL**	segment containing 1000' point	**SEE REMARKS**
4. High Terrain in	**FINAL**	segment containing 1000' point	**991**
5. Distance from (If 1500' point in PT maneuvering area or holding pattern note in remarks)	**THLD**	to 1500' point	**4.60**
6. Width of	**INTERMEDIATE**	segment at 1500' point	**1.20**
7. True Course of	**INTERMEDIATE**	segment containing 1500' point	**SEE REMARKS**
8. High Terrain in	**INTERMEDIATE**	segment containing 1500' point	**1024**

9. Threshold Coordinates (if straight-in) ... **411727.51N** / **0955340.62W**

10. ARP Coordinates ..... **411811.40N** / **0955338.60W**

11. Runway Approach End and distance furthest from ARP ..... RWY **14R**

Distance **0.84** NM

12. FAF Coordinates ..... **411425.84N** / **0955341.46W**

REMARKS: Approach/Drawing attached.

1000' PT IS AT PFAF (AT 3.03 NM).

1500' PT IN RF SEGMENT ZIKEP (411215.74N/0955529.54W) TO LEAVS (411425.84N/0955341.46W)

RF CTR PT CFBQN (411426.31N/0955653.93W). ARC RADIUS 2.42NM. THIS IS AIRSPACE FORM 2 OF 3.

TERMINAL AIRSPACE DATA REQUIREMENTS

CITY: **OMAHA** STATE: **NE**

AIRPORT NAME: **EPPLEY AIRFIELD** ID: **KOMA**

PROCEDURE: **RNAV (RNP) Z RWY 36** 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 (Enter THLD, FAF, ARP, FACILITY, as appropriate)	**THLD**	to 1000' point	**3.03**
2. Width of (Enter appropriate segment, final, intermediate, etc.)	**FINAL**	segment at 1000' point	**1.20**
3. True Course of	**FINAL**	segment containing 1000' point	**SEE REMARKS**
4. High Terrain in	**FINAL**	segment containing 1000' point	**991**
5. Distance from (If 1500' point in PT maneuvering area or holding pattern note in remarks)	**THLD**	to 1500' point	**4.60**
6. Width of	**INTERMEDIATE**	segment at 1500' point	**1.20**
7. True Course of	**INTERMEDIATE**	segment containing 1500' point	**SEE REMARKS**
8. High Terrain in	**INTERMEDIATE**	segment containing 1500' point	**985**

9. Threshold Coordinates (if straight-in) ... **411727.51N** / **0955340.62W**

10. ARP Coordinates ..... **411811.40N** / **0955338.60W**

11. Runway Approach End and distance furthest from ARP ..... RWY **14R**

Distance **0.84** NM

12. FAF Coordinates ..... **411425.84N** / **0955341.46W**

REMARKS: Approach/Drawing attached.

1000' PT IS AT PFAF (AT 3.03 NM).
1500' PT IN RF SEGMENT KIRKR (411204.54N/0955121.15W) TO LEAVS (411425.84N/0955341.46W)
RF CTR PT CFBJM (411425.29N/0955027.40W). ARC RADIUS 2.44NM. THIS IS AIRSPACE FORM 3 OF 3.

US Department of Transportation
Federal Aviation Administration

FLIGHT PROCEDURES STANDARDS WAIVER

FLIGHT STANDARDS USE ONLY

CONTROL NO:

1. Flight Procedure Identification:

OMAHA, NE (OMA)
EPPLEY AIRFIELD
RNAV (RNP) Z RWY 36

2. Waiver Required and Applicable Standard:

INTERMEDIATE RF SEGMENT WAIVER REQUIRED TO AFS-400 MEMORANDUM DATED OCT 3, 2011, 1.B. RF RULE: CALCULATED RF BANK ANGLE BASED ON THE DESIGN RADIUS NOT TO EXCEED 25 DEGREES (20 DEGREES FOR RNP/ATT VALUES LESS THAN 1.0).

3. Reason for Waiver *(Justification for nonstandard treatment)*:

BANK ANGLES IN EXCESS OF 20 DEGREES IN INTERMEDIATE SEGMENTS WITH RNP VALUES LESS THAN 1.0 USED IN PROCEDURE DEVELOPMENT TO AVOID OBSTACLES OR TERRAIN AND TO KEEP ATC/USER REQUESTED TRACKS:
SEGMENT KIRKR TO LEAVS 24.27 DEGREES.
SEGMENT WOOHU TO KIRKR 24.73 DEGREES.
SEGMENT HMENZ TO WOOHU 24.77 DEGREES.
SEGMENT KYLEY TO BIGBK 24.72 DEGREES.
SEGMENT ZIKEP TO LEAVS 20.85 DEGREES.
SEGMENT CRRZY TO ZIKEP 24.71 DEGREES.

4. Equivalent Level of Safety Provided:

1. PROCEDURE IS AUTHORIZATION REQUIRED (AR).
2. RF INTERMEDIATE SEGMENTS WERE SATISFACTORILY EVALUATED FOR OBSTACLES BASED ON AN RNP VALUE OF 1.00.

5. How Relocation or Additional Facilities Will Affect Waiver Requirement:

N/A - RNAV PROCEDURE

6. Coordination With User Organizations *(Specify)*:

AJV-353:_____

7. SUBMITTED BY

DATE:	Office Identification:	Title:	Signature:
	AJV-35	Manager, Terminal Products Group	Gregory Yamamoto

FAA FORM 8260 - 1 / July2003 (computer generated)

8260.24C Category I ILS Threshold crossing Height, Para 7a.

8. CONTINUATION
Comments:

9. AFS ACTION		
		Approved
		Disapproved
		Not Required

Comments:		
Date:	Routing Symbol:	Signature:

US Department of Transportation
Federal Aviation Administration

FLIGHT PROCEDURES STANDARDS WAIVER

FLIGHT STANDARDS USE ONLY

CONTROL NO:

1. Flight Procedure Identification:

OMAHA, NE (OMA)
EPPLEY AIRFIELD
RNAV (RNP) Z RWY 36

2. Waiver Required and Applicable Standard:

INTERMEDIATE SEGMENT WAIVER REQUIRED TO 8260.52 PARA 2.4 & TABLE 2-1. RULE: INTERMEDIATE SEGMENT DESCENT GRADIENT SHALL NOT EXCEED MAXIMUM ALLOWABLE.

3. Reason for Waiver *(Justification for nonstandard treatment)*:

DESCENT GRADIENT IN INTERMEDIATE SEGMENT GREATER THAN THE MAXIMUM ALLOWED. WITHIN A ROUTE CONTAINING MULTIPLE INTERMEDIATE SEGMENTS, TWO SEGMENTS EXCEED 318 FT/NM.
SEGMENT HORSS TO CRRZY DESCENT GRADIENT 359.55 FT/NM. HORSS TO PFAF 305 FT/NM.
SEGMENT CHAZU TO HMENZ DESCENT GRADIENT 333.33 FT/NM. CHAZU TO PFAF 282 FT/NM.
ALTITUDES IN SEGMENTS CAUSING EXCESSIVE DESCENT GRADIENTS ARE AT USER/ATC REQUEST.

4. Equivalent Level of Safety Provided:

1. AUTHORIZATION REQUIRED FOR THIS PROCEDURE.
2. DESCENT OF COMBINED INTERMEDIATE SEGMENTS ALONG BOTH ROUTES FROM THE BEGINNING ALTITUDES TO THE PFAF ALTITUDE IS LESS THAN 318 FT/NM AT 305 AND 282 FT/NM.

5. How Relocation or Additional Facilities Will Affect Waiver Requirement:

N/A - RNAV PROCEDURE

6. Coordination With User Organizations *(Specify)*:

AJV-353:_____

7. SUBMITTED BY

DATE:	Office Identification:	Title:	Signature:
	AJV-35	Manager, Terminal Products Group	Gregory Yamamoto

FAA FORM 8260 - 1 / July2003 (computer generated)

8260.24C Category I ILS Threshold crossing Height, Para 7a.

8. CONTINUATION
Comments:

9. AFS ACTION		
		Approved
		Disapproved
		Not Required

Comments:		
Date:	Routing Symbol:	Signature: