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

FROM	TO	COURSE AND DISTANCE	ALTITUDE
OTSEE (IAF)	OSBRN (TF) (FB) (RNP 1.00)	139.29 / 4.48	2900
OSBRN (IF)	URARE (TF) (FB) (RNP 0.80)	139.35 / 1.75	2400
URARE	CEDIR (TF) (FB) (RNP 0.30)	139.36 / 1.26	2000
CRPET (IF)	FOGEY (TF) (FB) (RNP 1.00)	359.18 / 3.93	3700
FOGEY	PAPIO (RF) (FB) (RNP 1.00)	(2.44 NM RADIUS CW (CFBQB) / 3.44	2700
(SEE FORM 8260-10)			

MISSED APPROACH

RNP: DA

CLIMB TO 3000 ON TRACK 139.36 TO ZINOR AND ON TRACK 125.50 TO OVR VORTAC AND HOLD.

1. PT ____ SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. PROFILE STARTS AT CEDIR
3. FAC: 139.36 FAF: ____ DIST FAF TO MAP: 3.01 THLD: ____
4. MIN. ALT: CEDIR 2000
5. DIST TO THLD FROM OM: 3.01 MM: ____ IM: ____ 150 HAT: ____ 100 HAT: ____ GS ANT: ____
6. MIN GS INCPT: 2000 GS ALT AT: CEDIR 2000 OM: ____ MM: ____ IM: ____
7. GS ANGLE: 3.00 TCH: 57.4# 34:1 IS NOT CLEAR
8. MSA FROM: RW14R 3800

ADDITIONAL FLIGHT DATA:
HOLD E, RT, 284.00 INBOUND.
CHART FAS OBST: 1070 TREE 411926N/0955443W
DISTANCE TO THLD FROM 337 HATH: 0.88 NM.
ROUTE TYPE: A,H
ROUTE TYPE QUALIFIER 1: F
ROUTE TYPE QUALIFIER 2: S
CHART MAXIMUM 5000 AT HCKEY
CHART MANDATORY 4000 AT OTSEE
CHART MANDATORY 5000 AT CRPET
CHART MANDATORY 4000 AT AULNR
CHART MANDATORY 5000 AT SPYVE
#TCH 1041.5 (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 0.11 DA	1321	4000	337	1321	4000	337	1321	4000	337	1321	4000	337			
RNP 0.30 DA	1379	4500	395	1379	4500	395	1379	4500	395	1379	4500	395			

NOTES:
CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, PROCEDURE NA BELOW -17C (2F) OR ABOVE 54C (130F).
CHART NOTE: FOR INOPERATIVE ALSF, INCREASE RNP 0.11 ALL CATS VISIBILITY TO 1 1/8 AND RNP 0.30 ALL CATS VISIBILITY TO 1 1/4.
CHART NOTE: GPS REQUIRED.
(SEE FORM 8260-10)

QUALITY 4 CHECKED

CITY AND STATE	ELEVATION: 984 THRE: 984	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP:
OMAHA, NE	AIRPORT NAME: EPPLEY AIRFIELD	RNAV	RNAV (RNP) Z RWY 14R, 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: **DONALD H. LANIER**	FIFO **AJV-353**	DATE: **04/19/2012**
APPROVED BY		
NAME: **LARRY H STROUT** **MANAGER**	FIFO **AJV-353**	DATE:

CHANGES:

1. ORIG.

REASONS:

1. FPT REQUEST.

QUALITY 4 CHECKED

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TERMINAL ROUTES, (CONT.):

FROM	TO	COURSE AND DISTANCE	ALTITUDE
AULNR (IF)	PAPIO (TF) (FB) (RNP 1.00)	079.92 / 4.15	2700
PAPIO	JEMGU (RF) (FB) (RNP 0.60)	(2.44 NM RADIUS CW (CFBQB) / 1.21	2400
JEMGU	HUMOV (RF) (FB) (RNP 0.30)	(2.44 NM RADIUS CW (CFBQB) / .64	2200
HUMOV	CEDIR (RF) (FB) (RNP 0.30)	(2.44 NM RADIUS CW (CFBQB) / .68	2000
HCKEY (IF)	FEEDR (TF) (FB) (RNP 1.00)	257.33 / 3.80	3600
SPYVE (IF)	DUCKX (TF) (FB) (RNP 1.00)	319.15 / 3.25	4000
DUCKX	FEEDR (RF) (FB) (RNP 1.00)	(2.54 NM RADIUS CCW (CFBQC) / 2.74	3600
FEEDR	NIGME (RF) (FB) (RNP 1.00)	(2.54 NM RADIUS CCW (CFBQC) / 3.90	2400
NIGME	CEDIR (RF) (FB) (RNP 0.30)	(2.54 NM RADIUS CCW (CFBQC) / 1.33	2000
CEDIR (FAF)	RW14R (MAP) (TF) (FO)	139.36 / 3.01	
RW14R (MAP)	ZINOR (TF) (FB) (RNP 1.00)	139.36 / 7.12	
ZINOR	OVR VORTAC (TF) (FO) (RNP 1.00)	125.50 / 4.62	3000

NOTES, (CONT.):
CHART PLANVIEW NOTE AT HCKEY : MAX 210 KIAS.
CHART PLANVIEW NOTE AT AULNR : MAX 210 KIAS.
CHART PLANVIEW NOTE AT SPYVE : MAX 210 KIAS.
CHART PLANVIEW NOTE AT CRPET : MAX 210 KIAS.
CHART PLANVIEW NOTE: RADAR REQUIRED.
CHART PLANVIEW NOTE ADJACENT TO CRPET IF: RF REQUIRED.
CHART PLANVIEW NOTE ADJACENT TO AULNR IF: RF REQUIRED.

QUALITY 4 CHECKED

CITY AND STATE	ELEVATION: 984 THRE: 984	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
OMAHA, NE	AIRPORT NAME: EPPLEY AIRFIELD	RNAV	RNAV (RNP) Z RWY 14R, 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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CHART PLANVIEW NOTE ADJACENT TO SPYVE IF: RF REQUIRED.
CHART PLANVIEW NOTE ADJACENT TO HCKEY IF: RF REQUIRED.
CHART PLANVIEW NOTE AT OTSEE: (RNP 0.30).
CHART PLANVIEW NOTE AT CRPET: (RNP 0.30).
CHART PLANVIEW NOTE AT AULNR: (RNP 0.30).
CHART PLANVIEW NOTE AT SPYVE: (RNP 0.30).
CHART PLANVIEW NOTE AT HCKEY: (RNP 0.30).
CHART PROFILE NOTE: SEE PLANVIEW FOR MULTIPLE IF LOCATIONS.

QUALITY 4 CHECKED

CITY AND STATE	ELEVATION: 984 THRE: 984	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
OMAHA, NE	AIRPORT NAME: EPPLEY AIRFIELD	RNAV	RNAV (RNP) Z RWY 14R, 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 (RNP) STANDARD INSTRUMENT APPROACH PROCEDURE

FLIGHT STANDARDS SERVICES - **FAR PART 97.33**

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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
NAVAID  123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAD        OVR   K3011630VTHA N41100180W095441267    N41100180W095441267E0080012992     NAROMAHA

                 1         2         3         4         5         6         7         8         9         0         1         2         3
WP      123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAEAENRT   AULNR K30    W     N41215528W096050636                    E0031     NAR           AULNR
        SUSAEAENRT   CEDIR K30    W     N41211670W095564154                    E0030     NAR           CEDIR
        SUSAEAENRT   CFBQB K30    W     N41195132W095591947                    E0031     NAR           CNF(CFBQB)
        SUSAEAENRT   CFBQC K30    W     N41224552W095535701                    E0030     NAR           CNF(CFBQC)
        SUSAEAENRT   CRPET K30    W     N41160667W096025608                    E0031     NAR           CRPET
        SUSAEAENRT   DUCKX K30    W     N41241492W095511298                    E0030     NAR           DUCKX
        SUSAEAENRT   FEEDR K30    W     N41251662W095542419                    E0030     NAR           FEEDR
        SUSAEAENRT   FOGEY K30    W     N41200203W096023328                    E0031     NAR           FOGEY
        SUSAEAENRT   HCKEY K30    W     N41254717W095492385                    E0029     NAR           HCKEY
        SUSAEAENRT   HUMOV K30    W     N41214616W095571881                    E0030     NAR           HUMOV
        SUSAEAENRT   JEMGU K30    W     N41220579W095580237                    E0031     NAR           JEMGU
        SUSAEAENRT   NIGME K30    W     N41223049W095571846                    E0030     NAR           NIGME
        SUSAEAENRT   OSBRN K30    W     N41234369W095590145                    E0031     NAR           OSBRN
        SUSAEAENRT   OTSEE K30    C     N41272200W096022977                    E0031     NAR           OTSEE
        SUSAEAENRT   PAPIO K30    W     N41221723W095593655                    E0031     NAR           PAPIO
        SUSAEAENRT   SPYVE K30    W     N41213664W095484103                    E0029     NAR           SPYVE
        SUSAEAENRT   URARE K30    W     N41221818W095574004                    E0030     NAR           URARE
        SUSAEAENRT   ZINOR K30    W     N41130219W095485199                    E0029     NAR           ZINOR

                 1         2         3         4         5         6         7         8         9         0         1         2         3
AIRPORT 123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAP KOMAK3AOMA     0     095YHN41181140W095533860E005000984         1800018000C    MNAR    EPPLEY AIRFIELD

                 1         2         3         4         5         6         7         8         9         0         1         2         3
SEGMENT 123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAP KOMAK3FH14RZ AAULNR 010AULNRK3EA0E  B    IF                                  04000     18000210              A-FS
        SUSAP KOMAK3FH14RZ AAULNR 020PAPIOK3EA0E    010TF                                + 02700                           A FS
        SUSAP KOMAK3FH14RZ AAULNR 030JEMGUK3EA0E   R061RF       0024400799    10840012   + 02400                CFBQB K3EAA FS
        SUSAP KOMAK3FH14RZ AAULNR 040HUMOVK3EA0E   R031RF       0024401084    12340006   + 02200                CFBQB K3EAA FS
        SUSAP KOMAK3FH14RZ AAULNR 050CEDIRK3EA0EE  R031RF       0024401234    13940007   + 02000                CFBQB K3EAA FS
        SUSAP KOMAK3FH14RZ ACRPET 010CRPETK3EA0E  B    IF                                  05000     18000210              A-FS
        SUSAP KOMAK3FH14RZ ACRPET 020FOGEYK3EA0E    010TF                                + 03700                           A FS
        SUSAP KOMAK3FH14RZ ACRPET 030PAPIOK3EA0E   R010RF       0024403592    07990034   + 02700                CFBQB K3EAA FS
        SUSAP KOMAK3FH14RZ ACRPET 040JEMGUK3EA0E   R061RF       0024400799    10840012   + 02400                CFBQB K3EAA FS
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QUALITY CHECKED

CITY AND STATE	ELEVATION: 984 THRE: 984	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
OMAHA, NE	AIRPORT NAME: **EPPLEY AIRFIELD**	**RNAV**	**RNAV (RNP) Z RWY 14R, 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 KOMAK3FH14RZ ACRPET 050HUMOVK3EA0E   R031RF      0024401084    12340006    + 02200                CFBQB K3EAA FS
SUSAP KOMAK3FH14RZ ACRPET 060CEDIRK3EA0EE  R031RF      0024401234    13940007    + 02000                CFBQB K3EAA FS
SUSAP KOMAK3FH14RZ AHCKEY 010HCKEYK3EA0E  B    IF                                - 05000     18000210              A-FS
SUSAP KOMAK3FH14RZ AHCKEY 020FEEDRK3EA0E    010TF                               + 03600                           A FS
SUSAP KOMAK3FH14RZ AHCKEY 030NIGMEK3EA0E   L010RF      0025402573    16940039    + 02400                CFBQC K3EAA FS
SUSAP KOMAK3FH14RZ AHCKEY 040CEDIRK3EA0EE  L031RF      0025401694    13940013    + 02000                CFBQC K3EAA FS
SUSAP KOMAK3FH14RZ AOTSEE 010OTSEEK3EA0E  A    IF                                  04000     18000                 A FS
SUSAP KOMAK3FH14RZ AOTSEE 020OSBRNK3EA0E  B 010TF                                + 02900                           A FS
SUSAP KOMAK3FH14RZ AOTSEE 030URAREK3EA0E    081TF                               + 02400                           A FS
SUSAP KOMAK3FH14RZ AOTSEE 040CEDIRK3EA0EE   031TF                               + 02000                           A FS
SUSAP KOMAK3FH14RZ ASPYVE 010SPYVEK3EA0E  B    IF                                  05000     18000210              A-FS
SUSAP KOMAK3FH14RZ ASPYVE 020DUCKXK3EA0E    010TF                               + 04000                           A FS
SUSAP KOMAK3FH14RZ ASPYVE 030FEEDRK3EA0E   L010RF      0025403192    25730027    + 03600                CFBQC K3EAA FS
SUSAP KOMAK3FH14RZ ASPYVE 040NIGMEK3EA0E   L010RF      0025402573    16940039    + 02400                CFBQC K3EAA FS
SUSAP KOMAK3FH14RZ ASPYVE 050CEDIRK3EA0EE  L031RF      0025401694    13940013    + 02000                CFBQC K3EAA FS
SUSAP KOMAK3FH14RZ H      020CEDIRK3EA1E  F    IF                                + 02000     18000      RW14R K3PGA FS
SUSAP KOMAK3FH14RZ H      020CEDIRK3EA2W                                              A031A112                      FS
SUSAP KOMAK3FH14RZ H      030RW14RK3PG0GY M 031TF                                 01042             -300          A FS
SUSAP KOMAK3FH14RZ H      040ZINORK3EA0E M  010TF                                                                 A FS
SUSAP KOMAK3FH14RZ H      050OVR  K3D 0VY   010TF                               + 03000                           A FS
SUSAP KOMAK3FH14RZ H      060OVR  K3D 0VE  R   HM                     28400040    + 03000                           A FS
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                 1         2         3         4         5         6         7         8         9         0         1         2         3
RUNWAY  123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAP KOMAK3GRW14R   0095021394 N41184983W095542191+0000    +0272200984000057150IIOMA3
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                 1         2         3         4         5         6         7         8         9         0         1         2         3
MSA     123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAP KOMAK3SRW14RK3PG               0   18018003825                                                                          M
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QUALITY CHECKED

CITY AND STATE	ELEVATION: 984 THRE: 984	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
OMAHA, NE	AIRPORT NAME: EPPLEY AIRFIELD	RNAV	RNAV (RNP) Z RWY 14R, 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 (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
	AULNR	AULNR	010		IF		FB				AT 04000	AB 210
	AULNR	PAPIO	020		TF		FB	1.0			AA 02700	
	AULNR	JEMGU	030		RF	R	FB	0.6		001.2	AA 02400	
	AULNR	HUMOV	040		RF	R	FB	0.3		000.6	AA 02200	
	AULNR	CEDIR	050		RF	R	FB	0.3		000.7	AA 02000	
	CRPET	CRPET	010		IF		FB				AT 05000	AB 210
	CRPET	FOGEY	020		TF		FB	1.0			AA 03700	
	CRPET	PAPIO	030		RF	R	FB	1.0		003.4	AA 02700	
	CRPET	JEMGU	040		RF	R	FB	0.6		001.2	AA 02400	
	CRPET	HUMOV	050		RF	R	FB	0.3		000.6	AA 02200	
	CRPET	CEDIR	060		RF	R	FB	0.3		000.7	AA 02000	
	HCKEY	HCKEY	010		IF		FB				AB 05000	AB 210
	HCKEY	FEEDR	020		TF		FB	1.0			AA 03600	
	HCKEY	NIGME	030		RF	L	FB	1.0		003.9	AA 02400	
	HCKEY	CEDIR	040		RF	L	FB	0.3		001.3	AA 02000	
	OTSEE	OTSEE	010	IAF	IF		FB				AT 04000	
	OTSEE	OSBRN	020		TF		FB	1.0			AA 02900	
	OTSEE	URARE	030		TF		FB	0.8			AA 02400	
	OTSEE	CEDIR	040		TF		FB	0.3			AA 02000	
	SPYVE	SPYVE	010		IF		FB				AT 05000	AB 210
	SPYVE	DUCKX	020		TF		FB	1.0			AA 04000	
	SPYVE	FEEDR	030		RF	L	FB	1.0		002.7	AA 03600	
	SPYVE	NIGME	040		RF	L	FB	1.0		003.9	AA 02400	
	SPYVE	CEDIR	050		RF	L	FB	0.3		001.3	AA 02000	
		CEDIR	020	FAF	IF		FB				AA 02000	
		RW14R	030	MAP	TF		FO	0.3			AT 01042	

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
	ZINOR	040		TF		FB	1.0				
	OVR	050		TF		FO	1.0			AA 03000	
	OVR	060		HM	R	FO		284.0(289.0T)	004.0	AA 03000	

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	OVR	N411001.80	W0954412.67	N4110.030	W09544.211
	AULNR	N412155.28	W0960506.36	N4121.921	W09605.106
	CEDIR	N412116.70	W0955641.54	N4121.278	W09556.692
	CFBQB	N411951.32	W0955919.47	N4119.855	W09559.325
	CFBQC	N412245.52	W0955357.01	N4122.759	W09553.950
	CRPET	N411606.67	W0960256.08	N4116.111	W09602.935
	DUCKX	N412414.92	W0955112.98	N4124.249	W09551.216

QUALITY CHECKED 1

CITY AND STATE	ELEVATION: 984 THRE: 984	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
OMAHA, NE	AIRPORT NAME: **EPPLEY AIRFIELD**	**RNAV**	**RNAV (RNP) Z RWY 14R, 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:

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.

FEEDR	N412516.62	W0955424.19	N4125.277	W09554.403
FOGEY	N412002.03	W0960233.28	N4120.034	W09602.555
HCKEY	N412547.17	W0954923.85	N4125.786	W09549.398
HUMOV	N412146.16	W0955718.81	N4121.769	W09557.314
JEMGU	N412205.79	W0955802.37	N4122.097	W09558.040
NIGME	N412230.49	W0955718.46	N4122.508	W09557.308
OSBRN	N412343.69	W0955901.45	N4123.728	W09559.024
OTSEE	N412722.00	W0960229.77	N4127.367	W09602.496
PAPIO	N412217.23	W0955936.55	N4122.287	W09559.609
SPYVE	N412136.64	W0954841.03	N4121.611	W09548.684
URARE	N412218.18	W0955740.04	N4122.303	W09557.667
ZINOR	N411302.19	W0954851.99	N4113.037	W09548.867
RW14R	N411849.83	W0955421.91	N4118.831	W09554.365

RUNWAY DATA

RWY	THRESHOLD ELEVATION	TCH
RW14R	00984	57

QUALITY CHECKED

CITY AND STATE	ELEVATION: 984 THRE: 984	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
OMAHA, NE	AIRPORT NAME: EPPLEY AIRFIELD	RNAV	RNAV (RNP) Z RWY 14R, 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.
INITIAL	OTSEE	OSBRN	1. TOWER (31-000587)	412339.00N/0955833.00W	1807 (1A)	1000	AC3	2900
(RNP 1.00)			2. TERRAIN	412518.00N/0960303.00W	1336 (1300)		AS1000	2300
INTERMEDIATE	OSBRN	URARE	1. TOWER (31-000587)	412339.00N/0955833.00W	1807 (1A)	500	AC3	2400
(RNP 0.80)			3. TERRAIN	412236.00N/0960024.00W	1319 (1300)		AS1000	2300
INTERMEDIATE: STEPDOWN	URARE	CEDIR	4. AAO	412208.15N/0955800.59W	1439 (2C)	500	AC20	2000
(RNP 0.30)			5. TERRAIN	412209.00N/0955800.00W	1244 (1200)		AS0	1200
INTERMEDIATE	CRPET	FOGEY	6. TOWER (31-000362)	411825.00N/0960138.00W	2548 (4D)	500	AC50 AT602	3700
(RNP 1.00)			7. TERRAIN	411942.00N/0960009.00W	1310 (1300)		AS1000	2300
INTERMEDIATE: STEPDOWN	FOGEY	PAPIO	1. TOWER (31-000587)	412339.00N/0955833.00W	1807 (1A)	500	AC3 AT390	2700
(RNP 1.00)			8. TERRAIN	412321.00N/0960203.00W	1326 (1300)		AS1000	2300
INTERMEDIATE	AULNR	PAPIO	1. TOWER (31-000587)	412339.00N/0955833.00W	1807 (1A)	500	AC3 AT390	2700
(RNP 1.00)			8. TERRAIN	412321.00N/0960203.00W	1326 (1300)		AS1000	2300
INTERMEDIATE: STEPDOWN	PAPIO	JEMGU	9. AAO	412236.00N/0960024.00W	1519 (4E)	500	AC98 AT283	2400
(RNP 0.60)			10. TERRAIN	412312.00N/0955945.00W	1267 (1300)		AS1000	2300

3. MISSED APPROACH	
MAP:	
ELEV:	

4. CIRCLING AREA	DISTANC	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: **RW14R**

SECTOR	OBSTRUCTION	BRG/DIST	ELEVATION (MSL)	M S A	SECTOR	OBSTRUCTION	BRG/DIST	ELEVATION (MSL)	M S A
360-360	TWR (31-000644)	220/ 20.5	2731 (2C)	3800					

QUALITY CHECKED

CITY AND STATE		FACILITY	PROCEDURE AND AMENDMENT NO:	REGION
OMAHA, NE	ELEVATION: 984 AIRPORT NAME: EPPLEY AIRFIELD	RNAV	RNAV (RNP) Z RWY 14R, ORIG	ACE

PART B - SUPPLEMENTAL DATA

1. COMMUNICATIONS WITH:	2. WEATHER SERVICE			3. ALTIMETER SETTING
ZMP ARTCC OMA APP CON OMA TOWER		N W S	OTHER: ASOS	SOURCE: KOMA
		F A A		DISTANCE:
SATISFACTORY ON:		A / C		HOURS REMOTE OPERATION: 24
X V H F X U H F H F	LOCATION: KOMA			ADJUSTMENT: 0

4. MONITOR STATUS	PRIMARY NAVAID:	
	MONITOR POINT:	
	HRS OPTN:	CAT 1
		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: 984.1
	DISTANCE FROM RWY:	ELEV GP ANTENNA:
		THRESHOLD CROSSING HEIGHT: 57.4
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; TABLE 2-1 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: 04/19/2012
TITLE: AERONAUTICAL INFORMATION SPECIALIST	OFFICE: AJV-353

PART C - REMARKS:

VDP NOT ESTABLISHED - RNP PROCEDURE.

PARA 251, 34:1 PENETRATION.

PRECIPITOUS TERRAIN EVALUATION COMPLETED.

VGSI DATA: 3.00/56.9

WAIVER: FAAO 8260.52 PARA 2.4 TABLE 2-1 INTERMEDIATE SEGMENT DESCENT GRADIENT EXCEEDS 318 FT/NM.

WAIVER: FAAO 8260.54A PARA 2.5.3 BANK ANGLE EXCEEDS 20 DEGREES (REFERENCE AFS-400 MEMO DATED 10/3/2011).

SEE ATTACHED AIRSPACE LETTER.

MAX SPEED NIGME TO CEDIR - 210 KIAS.
MAX SPEED FEEDR TO NIGME - 210 KIAS.
MAX SPEED DUCKX TO FEEDR - 210 KIAS.
MAX SPEED HUMOV TO CEDIR - 210 KIAS.
MAX SPEED JEMGU TO HUMOV - 210 KIAS.
MAX SPEED PAPIO TO JEMGU - 210 KIAS.
MAX SPEED FOGEY TO PAPIO - 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 VALUE 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:
34:1:
1005 ROAD (KOMAL146) (2C) 411859.63N/0955435.99W (6.15)
1000 POLE (KOMAL145) (2C) 411900.50N/0955432.29W (3.88)
1004 ROAD (KOMAL117) (1B) 411901.23N/0955428.20W (0.58)

RF SEGMENT RADIUS/BANK ANGLE COMPUTATIONS:

SEGMENT	ALT	KIAS	KTAS	HAA	*VKTW	TR	BA
NIGME-CEDIR	2400	210	220.08	1415.7	30	2.54	19.76
FEEDR-NIGME	3600	210	225.12	2615.7	52	2.54	23.80
DUCKX-FEEDR	4000	210	226.80	3015.7	51	2.54	23.91
HUMOV-CEDIR	2200	210	219.24	1215.7	30	2.44	20.38
JEMGU-HUMOV	2400	210	220.08	1415.7	30	2.44	20.50
PAPIO-JEMGU	2700	210	221.34	1715.7	30	2.44	20.69
FOGEY-PAPIO	3700	210	225.54	2715.7	52	2.44	24.73

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

CONT.

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.
INTERMEDIATE: STEPDOWN	JEMGU	HUMOV	11. AAO	412139.00N/0955836.00W	1444 (4E)	500	AC98 AT158	2200
(RNP 0.30)			5. TERRAIN	412209.00N/0955800.00W	1244 (1200)		AS1000	2200
INTERMEDIATE: STEPDOWN	HUMOV	CEDIR	12. AAO	412156.49N/0955737.94W	1399 (2C)	500	AC20	2000
(RNP 0.30)			13. TERRAIN	412118.00N/0955748.00W	1116 (1100)		AS0	1100
INTERMEDIATE	HCKEY	FEEDR	14. AAO	412457.00N/0955118.00W	1483 (4E)	500	AC98 AT1519	3600
(RNP 1.00)			15. TERRAIN	412703.00N/0955154.00W	1283 (1300)		AS1500	2800
INTERMEDIATE	SPYVE	DUCKX	16. AAO	411945.90N/0955003.70W	1570 (2C)	500	AC20 AT1910	4000
(RNP 1.00)			17. TERRAIN	411945.90N/0955003.70W	1370 (1400)		AS1500	2900
INTERMEDIATE: STEPDOWN	DUCKX	FEEDR	14. AAO	412457.00N/0955118.00W	1483 (4E)	500	AC98 AT1519	3600
(RNP 1.00)			15. TERRAIN	412703.00N/0955154.00W	1283 (1300)		AS1500	2800
INTERMEDIATE: STEPDOWN	FEEDR	NIGME	1. TOWER (31-000587)	412339.00N/0955833.00W	1807 (1A)	500	AC3	2400
(RNP 1.00)			18. TERRAIN	412309.00N/0955948.00W	1273 (1300)		AS1000	2300
INTERMEDIATE: STEPDOWN	NIGME	CEDIR	4. AAO	412208.15N/0955800.59W	1439 (2C)	500	AC20	2000
(RNP 0.30)			5. TERRAIN	412209.00N/0955800.00W	1244 (1200)		AS0	1200
FINAL: RNP 0.11	CEDIR	RW14R	19. TREE (KOMAL312)	411925.75N/0955442.88W	1070 (1B)	21.74:1	AC10 MA39	1321/337

3. MISSED APPROACH	
MAP:	
ELEV:	

4. CIRCLING AREA	DISTANCE	REQUIRED HT. ABV. ARPT.	ACTUAL HT. ABV. ARPT.
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	ELEVATION: 984 / AIRPORT NAME:	FACILITY	PROCEDURE AND AMENDMENT NO:	REGION
OMAHA, NE	EPPLEY AIRFIELD	RNAV	RNAV (RNP) Z RWY 14R, ORIG	ACE

PART B - SUPPLEMENTAL DATA

1. COMMUNICATIONS WITH:	2. WEATHER SERVICE			3. ALTIMETER SETTING
SATISFACTORY ON:		N W S	OTHER:	SOURCE:
		F A A		DISTANCE:
		A / C		HOURS REMOTE OPERATION:
V H F / U H F / H F	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.

QUALITY CHECKED 4

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: RNP 0.30	CEDIR	RW14R	19. TREE (KOMAL312)	411925.75N/0955442.88W	1070 (1B)	21.71:1	AC10 MA27	1379/395
MISSED APPROACH	DA	RW14R	20. TREE (KOMAL141)	411926.44N/0955450.23W	1062 (1B)	ASC	AC10	
(RNP 0.11-1.00)		40:1						
MISSED APPROACH	DA	RW14R	21. TREE (KOMAL147)	411928.39N/0955507.19W	1056 (1B)	ASC	AC10	
(RNP 0.30-1.00)		40:1						
MISSED APPROACH	RW14R	ZINOR				ASC		
(RNP 0.11-1.00)		40:1						
MISSED APPROACH	RW14R	ZINOR				ASC		
(RNP 0.30-1.00)		40:1						
MISSED APPROACH	ZINOR	OVR VORTAC				ASC		
(RNP 1.00)		40:1						
3. MISSED APPROACH — MAP:	DA / DA	OVR VORTAC				ASC		3000
			22. AAO	411003.00N/0954415.00W	1500 (4E)	1000		2600
ELEV:	1070/1060		23. TERRAIN	411003.00N/0954415.00W	1300 (1300)		AS1500	2800

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	ELEVATION: 984 / AIRPORT NAME:	FACILITY	PROCEDURE AND AMENDMENT NO:	REGION
OMAHA, NE	EPPLEY AIRFIELD	RNAV	RNAV (RNP) Z RWY 14R, ORIG	ACE

PART B - SUPPLEMENTAL DATA

1. COMMUNICATIONS WITH:	2. WEATHER SERVICE			3. ALTIMETER SETTING
SATISFACTORY ON:		N W S	OTHER:	SOURCE:
		F A A		DISTANCE:
		A / C		HOURS REMOTE OPERATION:
V H F / U H F / H F	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:

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

PART C - REMARKS:

RADIO FIX AND HOLDING DATA RECORD

NAME: AULNR **STATE:** NE **COUNTRY:** US

LATITUDE/LONGITUDE: 412155.28N/0960506.36W **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 14L			KOMA	OMAHA	NE (US)
IAP	RNAV (RNP) Z RWY 14R			KOMA	OMAHA	NE (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

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

DEVELOPED BY: **DATE:** 04/18/2012 **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 4

RADIO FIX AND HOLDING DATA RECORD

NAME: CEDIR **STATE:** IA **COUNTRY:** US

LATITUDE/LONGITUDE: 412116.70N/0955641.54W **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 14R			KOMA	OMAHA	NE (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

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

DEVELOPED BY: **DATE:** 04/18/2012 **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:

4

RADIO FIX AND HOLDING DATA RECORD

NAME: CFBQB **STATE:** NE **COUNTRY:** US

LATITUDE/LONGITUDE: 411951.32N/0955919.47W **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 14R			KOMA	OMAHA	NE (US)

COMPULSORY REPORTING POINT: NO

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

DEVELOPED BY: **DATE:** 04/18/2012 **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: CFBQC **STATE:** IA **COUNTRY:** US

LATITUDE/LONGITUDE: 412245.52N/0955357.01W **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 14R			KOMA	OMAHA	NE (US)

COMPULSORY REPORTING POINT: NO

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

DEVELOPED BY: **DATE:** 04/18/2012 **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: CRPET **STATE:** NE **COUNTRY:** US

LATITUDE/LONGITUDE: 411606.67N/0960256.08W **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 14L			KOMA	OMAHA	NE (US)
IAP	RNAV (RNP) Z RWY 14R			KOMA	OMAHA	NE (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

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

DEVELOPED BY: **DATE:** 04/18/2012 **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: DUCKX **STATE:** IA **COUNTRY:** US

LATITUDE/LONGITUDE: 412414.92N/0955112.98W **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 14R			KOMA	OMAHA	NE (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

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

DEVELOPED BY: **DATE:** 04/18/2012 **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: FEEDR **STATE:** IA **COUNTRY:** US

LATITUDE/LONGITUDE: 412516.62N/0955424.19W **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 14R			KOMA	OMAHA	NE (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

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

DEVELOPED BY: **DATE:** 04/18/2012 **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: FOGEY **STATE:** NE **COUNTRY:** US

LATITUDE/LONGITUDE: 412002.03N/0960233.28W **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 14R			KOMA	OMAHA	NE (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

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

DEVELOPED BY: **DATE:** 04/18/2012 **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: HCKEY **STATE:** IA **COUNTRY:** US

LATITUDE/LONGITUDE: 412547.17N/0954923.85W **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 14L			KOMA	OMAHA	NE (US)
IAP	RNAV (RNP) Z RWY 14R			KOMA	OMAHA	NE (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

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

DEVELOPED BY: **DATE:** 04/18/2012 **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: HUMOV **STATE:** NE **COUNTRY:** US

LATITUDE/LONGITUDE: 412146.16N/0955718.81W **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 14R			KOMA	OMAHA	NE (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

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

DEVELOPED BY: **DATE:** 04/18/2012 **OFFICE:** AJV-353 **NAME:** LARRY STROUT

APPROVED BY: **DATE:** **OFFICE:** AJV-353 **NAME:** DONALD LANIER

SIGNATURE:

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

RADIO FIX AND HOLDING DATA RECORD

NAME: JEMGU **STATE:** NE **COUNTRY:** US

LATITUDE/LONGITUDE: 412205.79N/0955802.37W **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 14R			KOMA	OMAHA	NE (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

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

DEVELOPED BY: **DATE:** 04/18/2012 **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: NIGME **STATE:** NE **COUNTRY:** US

LATITUDE/LONGITUDE: 412230.49N/0955718.46W **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 14R			KOMA	OMAHA	NE (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

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

DEVELOPED BY: **DATE:** 04/18/2012 **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: OMAHA VORTAC **STATE:** IA **COUNTRY:** US

LATITUDE/LONGITUDE: 411001.80N/0954412.67W **TYPE:**

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	OVR	VORTAC	H							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	E	OVR	VORTAC	104.00	284.00	R	1		3000	6000	4	5
2	SE	OVR	VORTAC	133.00	313.00	R	1		2900	6000	4	5
3	SE	OVR	VORTAC	130.00	310.00	R	1		3000	6000	4	5
4	E		WP	104.00	284.00	R		4	3000	6000	5	6

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
UPN	200	TOWER (19-020083)	410553.30N/0954537.32W	1607	4D
1	200	AAO	410749.30N/0954722.50W	1550	6C
2	200	TOWER (19-020083)	410553.30N/0954537.32W	1607	4D
3	200	AAO	410749.30N/0954722.50W	1550	6C
4	200	TOWER (19-002579)	411442.91N/0954133.28W	1566	2C

HOLDING RESTRICTIONS:
UNPLANNED HOLDING AUTHORIZED AT OR ABOVE 3000.

REMARKS:
PRECIPITOUS TERRAIN EVALUATION COMPLETED.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
DP	DES MOINES			KDSM	DES MOINES	IA (US)
DP	ORSKY			KANE	MINNEAPOLIS	MN (US)
DP	ORSKY			KFCM	MINNEAPOLIS	MN (US)
DP	MEADOW LAKE			KMSP	MINNEAPOLIS	MN (US)
DP	MINNEAPOLIS			KMSP	MINNEAPOLIS	MN (US)
DP	ORSKY			KMSP	MINNEAPOLIS	MN (US)
DP	ORSKY			KSTP	ST PAUL	MN (US)
EN ROUTE	J21					(US)
EN ROUTE	J41					(US)
EN ROUTE	V138					(US)
EN ROUTE	V159					(US)
EN ROUTE	V172					(US)
EN ROUTE	V181					(US)
EN ROUTE	V307					(US)
EN ROUTE	V6					(US)
EN ROUTE	V8					(US)
IAP	ILS OR LOC RWY 36		1	KCBF	COUNCIL BLUFFS	IA (US)
IAP	RNAV (GPS) RWY 18			KCBF	COUNCIL BLUFFS	IA (US)
IAP	RNAV (GPS) RWY 36			KCBF	COUNCIL BLUFFS	IA (US)
IAP	VOR-A		2	KCBF	COUNCIL BLUFFS	IA (US)
IAP	NDB RWY 17			KRDK	RED OAK	IA (US)
IAP	RNAV (GPS) RWY 5			KRDK	RED OAK	IA (US)
IAP	VOR/DME-A			KRDK	RED OAK	IA (US)
IAP	NDB RWY 4			KSDA	SHENANDOAH	IA (US)
IAP	VOR/DME RWY 12			KSDA	SHENANDOAH	IA (US)
IAP	VOR RWY 14			KFET	FREMONT	NE (US)
IAP	VOR RWY 17			KLNK	LINCOLN	NE (US)
IAP	VOR RWY 18			KLNK	LINCOLN	NE (US)
IAP	RNAV (GPS) RWY 15			KAFK	NEBRASKA CITY	NE (US)
IAP	NDB RWY 12			KMLE	OMAHA	NE (US)
IAP	ILS OR LOC RWY 32L		1	KOMA	OMAHA	NE (US)
IAP	ILS OR LOC RWY 32R		1	KOMA	OMAHA	NE (US)
IAP	ILS OR LOC RWY 36		1	KOMA	OMAHA	NE (US)
IAP	ILS OR LOC/DME RWY 14L		1	KOMA	OMAHA	NE (US)
IAP	ILS OR LOC/DME RWY 14R		1	KOMA	OMAHA	NE (US)
IAP	ILS OR LOC/DME RWY 18		1	KOMA	OMAHA	NE (US)
IAP	ILS RWY 14R (CAT II)		1	KOMA	OMAHA	NE (US)
IAP	ILS RWY 14R (CAT III)		1	KOMA	OMAHA	NE (US)
IAP	ILS RWY 32R (CAT II)		1	KOMA	OMAHA	NE (US)
IAP	ILS RWY 32R (CAT III)		1	KOMA	OMAHA	NE (US)
IAP	RNAV (GPS) Y RWY 14L		4	KOMA	OMAHA	NE (US)
IAP	RNAV (GPS) Y RWY 14R		4	KOMA	OMAHA	NE (US)
IAP	RNAV (GPS) Y RWY 18			KOMA	OMAHA	NE (US)
IAP	RNAV (GPS) Y RWY 32L			KOMA	OMAHA	NE (US)
IAP	RNAV (GPS) Y RWY 32R			KOMA	OMAHA	NE (US)

IAP	RNAV (GPS) Y RWY 36		KOMA	OMAHA	NE (US)
IAP	RNAV (RNP) Z RWY 14L	4	KOMA	OMAHA	NE (US)
IAP	RNAV (RNP) Z RWY 14R	4	KOMA	OMAHA	NE (US)
IAP	VOR RWY 32L	3	KOMA	OMAHA	NE (US)
IAP	NDB RWY 16		KPMV	PLATTSMOUTH	NE (US)
IAP	NDB RWY 34		KPMV	PLATTSMOUTH	NE (US)
STAR	ROBINSON		KMCI	KANSAS CITY	MO (US)
STAR	HOWRY		KOFF	OMAHA	NE (US)
STAR	LANTK		KOFF	OMAHA	NE (US)
STAR	MARWI		KOFF	OMAHA	NE (US)
STAR	PAWNEE CITY		KOFF	OMAHA	NE (US)
STAR	SIOUX CITY		KOFF	OMAHA	NE (US)
STAR	HOWRY		KOMA	OMAHA	NE (US)
STAR	LANTK		KOMA	OMAHA	NE (US)
STAR	MARWI		KOMA	OMAHA	NE (US)
STAR	PAWNEE CITY		KOMA	OMAHA	NE (US)
STAR	SIOUX CITY		KOMA	OMAHA	NE (US)

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

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 18 **DATE OF REVISION:** 09/20/2012

REASON FOR REVISION:
UPDATED FIX USE.
CHANGED HOLDING PAT 3 MIN HOLDING ALTITUDE FROM 2800 TO 3000.
CHANGED HOLDING PAT 1 & 3 OBSTACLE ACCURACY CODES FROM 5C TO 6C.

DEVELOPED BY: **DATE:** 06/07/2012 **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
OTHER:

RADIO FIX AND HOLDING DATA RECORD

NAME: OSBRN **STATE:** NE **COUNTRY:** US

LATITUDE/LONGITUDE: 412343.69N/0955901.45W **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 14R			KOMA	OMAHA	NE (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

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

DEVELOPED BY: **DATE:** 04/18/2012 **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: OTSEE **STATE:** NE **COUNTRY:** US

LATITUDE/LONGITUDE: 412722.00N/0960229.77W **TYPE:** WP, RADAR, 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-OMA	LOC		321.39	324.39		12.22		3000	5400
2	OMAHA	OVR	VORTAC	H			22.14	22.14		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	NW		WP	319.30	139.30	R		4	3300	6000	5	6

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	200	TOWER (31-000153)	412850.00N/0960843.00W	1679	4D

HOLDING RESTRICTIONS:
HOLDING LIMITED TO ESTABLISHED PATTERN.

REMARKS:
OMAHA (FAC 2) AND OMAHA (FAC 1) USED TO ESTABLISH FIX COORDINATES
PRECIPITOUS TERRAIN EVALUATION COMPLETED.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	ILS OR LOC/DME RWY 14R	1, 2		KOMA	OMAHA	NE (US)
IAP	ILS RWY 14R (CAT II)	1, 2		KOMA	OMAHA	NE (US)
IAP	ILS RWY 14R (CAT III)	1, 2		KOMA	OMAHA	NE (US)
IAP	RNAV (GPS) Y RWY 14R		1	KOMA	OMAHA	NE (US)
IAP	RNAV (GPS) Y RWY 32L		1	KOMA	OMAHA	NE (US)
IAP	RNAV (GPS) Y RWY 32R		1	KOMA	OMAHA	NE (US)
IAP	RNAV (RNP) Z RWY 14R			KOMA	OMAHA	NE (US)
IAP	RNAV (RNP) Z RWY 32L		1	KOMA	OMAHA	NE (US)
IAP	RNAV (RNP) Z RWY 32R		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.
UPDATED HOLDING PAT 1 CONTROLLING OBSTRUCTION.

DEVELOPED BY: **DATE:** 06/09/2012 **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: PAPIO **STATE:** NE **COUNTRY:** US

LATITUDE/LONGITUDE: 412217.23N/0955936.55W **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 14R			KOMA	OMAHA	NE (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

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

DEVELOPED BY: **DATE:** 04/18/2012 **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: SPYVE **STATE:** IA **COUNTRY:** US

LATITUDE/LONGITUDE: 412136.64N/0954841.03W **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 14L			KOMA	OMAHA	NE (US)
IAP	RNAV (RNP) Z RWY 14R			KOMA	OMAHA	NE (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

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

DEVELOPED BY: **DATE:** 04/18/2012 **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: URARE **STATE:** NE **COUNTRY:** US

LATITUDE/LONGITUDE: 412218.18N/0955740.04W **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 14R			KOMA	OMAHA	NE (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

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

DEVELOPED BY: **DATE:** 04/18/2012 **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: ZINOR **STATE:** IA **COUNTRY:** US

LATITUDE/LONGITUDE: 411302.19N/0954851.99W **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 14R			KOMA	OMAHA	NE (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

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

DEVELOPED BY: **DATE:** 04/18/2012 **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 14R** 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 **3.01**
   (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 **144.36**
4. High Terrain in **FINAL** segment containing 1000' point **1008**
5. Distance from **THLD** to 1500' point **5.52**
   (If 1500' point in PT maneuvering area or holding pattern note in remarks)
6. Width of **INTERMEDIATE** segment at 1500' point **3.20**
7. True Course of **INTERMEDIATE** segment containing 1500' point **143.35**
8. High Terrain in **INTERMEDIATE** segment containing 1500' point **1319**
9. Threshold Coordinates (if straight-in) ... **411849.83N** / **0955421.91W**
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 ..... **412116.70N** / **0955641.54W**

REMARKS: Approach/Drawing attached.
1500 FT PT (412320.63N/0955839.48W) OCCURS IN INTERMEDIATE SEGMENT OSBRN (412343.69N/0955901.45W) TO URARE (412218.18N/0955740.04W). THIS IS AIRSPACE 1 OF 3.

TERMINAL AIRSPACE DATA REQUIREMENTS

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

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

PROCEDURE: **RNAV (RNP) Z RWY 14R** 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 **3.01**
   (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 **144.36**
4. High Terrain in **FINAL** segment containing 1000' point **`1008**
5. Distance from **THLD** to 1500' point **5.52**
   (If 1500' point in PT maneuvering area or holding pattern note in remarks)
6. Width of **INTERMEDIATE** segment at 1500' point **4.00**
7. True Course of **INTERMEDIATE** segment containing 1500' point **SEE REMARKS**
8. High Terrain in **INTERMEDIATE** segment containing 1500' point **1273**
9. Threshold Coordinates (if straight-in) ... **411849.83N** / **0955421.91W**
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 ..... **412116.70N** / **0955641.54W**

REMARKS: Approach/Drawing attached.
1500 FT PT (412340.07N/0955706.08W) OCCURS IN RF TURN INTERMEDIATE SEGMENT FEEDR (412516.62N/0955424.19W) TO NIGME (412230.49N/0955718.46). RF CTR PT CFBQC (412245.52N/0955357.01W). ARC RADIUS 2.54NM. 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 14R** 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 **3.01**
   (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 **144.36**
4. High Terrain in **FINAL** segment containing 1000' point **1008**
5. Distance from **THLD** to 1500' point **5.52**
   (If 1500' point in PT maneuvering area or holding pattern note in remarks)
6. Width of **INTERMEDIATE** segment at 1500' point **2.40**
7. True Course of **INTERMEDIATE** segment containing 1500' point **SEE REMARKS**
8. High Terrain in **INTERMEDIATE** segment containing 1500' point **1267**
9. Threshold Coordinates (if straight-in) ... **411849.83N** / **0955421.91W**
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 ..... **412116.70N** / **0955641.54W**

REMARKS: Approach/Drawing attached.
1500 FT PT (412217.33N/0955935.00W) OCCURS IN RF TURN INTERMEDIATE SEGMENT PAPIO (412217.23N/0955936.55W) TO JEMGU (412205.79N/0955802.37W). RF CTR PT CFBQB (411951.32N/0955919.47W). 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 14R

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:

SEGMENT FEEDR TO NIGME 23.80 DEGREES.
SEGMENT DUCKX TO FEEDR 23.91 DEGREES.
SEGMENT HUMOV TO CEDIR 20.38 DEGREES.
SEGMENT JEMGU TO HUMOV 20.50 DEGREES.
SEGMENT PAPIO TO JEMGU 20.69 DEGREES.
SEGMENT FOGEY TO PAPIO 24.73 DEGREES.

4. Equivalent Level of Safety Provided:

1. AUTHORIZATION REQUIRED FOR THIS PROCEDURE.
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	GregoryYamamoto

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 14R

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, ONE SEGMENT EXCEEDS 318 FT/NM: SEGMENT HCKEY TO FEEDR DESCENT GRADIENT 368.42 FT/NM. HCKEY TO PFAF 332.2 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 ROUTE FROM THE BEGINNING ALTITUDE TO THE PFAF ALTITUDE IS SLIGHTLY ABOVE 318 FT/NM AT 333 FT/NM COMBINED.

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: