

**FEDERAL AVIATION ADMINISTRATION
FLIGHT STANDARDS SERVICE
GRAPHIC DEPARTURE PROCEDURES (DP)**

Bearings, headings, courses, tracks and radials are magnetic. Elevations and altitudes are in feet, MSL. Altitudes are minimum altitudes unless otherwise indicated
Ceilings are in feet above airport elevation. Distances are in nautical miles. Visibilities are in statute miles or feet RVR unless otherwise indicated.

<u>DP NAME</u>	<u>NUMBER</u>	<u>DP COMPUTER CODE</u>	<u>SUPERSEDED NUMBER</u>	<u>DATED</u>	<u>EFFECTIVE DATE</u>
CATTL	THREE	CATTL3.OMA	TWO	03/02/2017	24 MAY 18

<u>TYPE:</u>	<u>OBSTACLE</u>	<u>COPTER</u>	<u>SID</u>	<u>SPECIAL</u>	<u>RNAV</u>
	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

DP ROUTE DESCRIPTION:

TAKEOFF RWY 14L, 14R: CLIMB HEADING 142.39 TO 1700, THENCE...

TAKEOFF RWY 18: CLIMB HEADING 178.21 TO 1900, THENCE...

TAKEOFF RWY 32L, 32R: CLIMB HEADING 322.40 TO 2400, THENCE...

TAKEOFF RWY 36: CLIMB HEADING 358.21 TO 1900, THENCE...

...ON HEADING ASSIGNED BY ATC. EXPECT RADAR VECTORS TO ASSIGNED FIX/ROUTE. PROP AIRCRAFT MAINTAIN 4000. JET AIRCRAFT MAINTAIN 5000 OR ASSIGNED LOWER ALTITUDE. ALL AIRCRAFT EXPECT CLEARANCE TO FILED ALTITUDE/FLIGHT LEVEL TEN MINUTES AFTER DEPARTURE.

TRANSITION ROUTES (GRAPHIC DEPICTION ONLY):

<u>TRANSITION NAME</u>	<u>TRANSITION COMPUTER CODE</u>	<u>FROM FIX/NAVAID</u>	<u>TO FIX/NAVAID</u>	<u>COURSE</u>	<u>DISTANCE</u>	<u>MEA</u>	<u>MOCA</u>	<u>CROSSING ALTITUDE/FIXES</u>

PROCEDURAL DATA NOTES:

NOTE: RADAR REQUIRED.

TAKEOFF MINIMUMS:

RWY 18, 32L, 32R, 36: STANDARD.

RWY 14L: 300-2 1/2 OR STANDARD WITH MINIMUM CLIMB OF 275 FT PER NM TO 1400.

RWY 14R: 300-2 1/2 OR STANDARD WITH MINIMUM CLIMB OF 210 FT PER NM TO 1400.

TAKEOFF OBSTACLES NOTES:

NOTE: RWY 14L, UTILITY POINT 22 FT FROM DER, 481 FT RIGHT OF CENTERLINE, 8 FT AGL/986 FT MSL. TREE 3665 FT FROM DER, 1377 FT LEFT OF CENTERLINE, 1082 FT MSL. TREE 3955 FT FROM DER, 1152 FT LEFT OF CENTERLINE, 1084 FT MSL. TREE 3975 FT FROM DER, 116 FT LEFT OF CENTERLINE, 1088 FT MSL. TREE 4325 FT FROM DER, 1630 FT LEFT OF CENTERLINE, 1090 FT MSL. TREE 4345 FT FROM DER, 1621 FT LEFT OF CENTERLINE, 1096 FT MSL. TREE 1.2 NM FROM DER, 2449 FT LEFT OF CENTERLINE, 1176 FT MSL. TREES BEGINNING 1.3 NM FROM DER, 2276 FT LEFT OF CENTERLINE, UP TO 1198 FT MSL. TREES BEGINNING 1.3 NM FROM DER, 2426 FT LEFT OF CENTERLINE, UP TO 1203 FT MSL. BUILDING 1.3 NM FROM DER, 2644 FT LEFT OF CENTERLINE, 22 FT AGL/1216 FT MSL. TREES BEGINNING 1.3 NM FROM DER, 2402 FT LEFT OF CENTERLINE, UP TO 1245 FT MSL. TREE 1.3 NM FROM DER, 2591 FT LEFT OF CENTERLINE, 1250 FT MSL. TREE, BUILDING BEGINNING 1.3 NM FROM DER, 2368 FT LEFT OF CENTERLINE, UP TO 47 FT AGL/1268 FT MSL. TREE, BUILDING BEGINNING 1.6 NM FROM DER, 2435 FT LEFT OF CENTERLINE, UP TO 1277 FT MSL. TREE 1.8 NM FROM DER, 2750 FT LEFT OF CENTERLINE, 1279 FT MSL. TREE 1.8 NM FROM DER, 2410 FT LEFT OF CENTERLINE, 1280 FT MSL. TREE 1.9 NM FROM DER, 2392 FT LEFT OF CENTERLINE, 1281 FT MSL. TREE 1.9 NM FROM DER, 2522 FT LEFT OF CENTERLINE, 1284 FT MSL.

NOTE: RWY 14R, TREE 3972 FT FROM DER, 1316 FT LEFT OF CENTERLINE, 1088 FT MSL. TREE 1.9 NM FROM DER, 3593 FT LEFT OF CENTERLINE, 1281 FT MSL.

NOTE: RWY 18, SIGN 38 FT FROM DER, 270 FT RIGHT OF CENTERLINE, 4 FT AGL/980 FT MSL. POLE 887 FT FROM DER, 702 FT RIGHT OF CENTERLINE, 1002 FT MSL. TREE 3953 FT FROM DER, 1124 FT LEFT OF CENTERLINE, 1085 FT MSL. TREE 4247 FT FROM DER, 120 FT LEFT OF CENTERLINE, 102 FT AGL/1087 FT MSL. TREE 4461 FT FROM DER, 140 FT RIGHT OF CENTERLINE, 1090 FT MSL. BRIDGE 4549 FT FROM DER, 852 FT LEFT OF CENTERLINE, 150 FT AGL/1112 FT MSL. BRIDGE AND POLES BEGINNING 4968 FT FROM DER, 1177 FT LEFT OF CENTERLINE, UP TO 149 FT AGL/1114 FT MSL.



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NOTE: RWY 32L, POLE AND TRAVERSE WAY BEGINNING 969 FT FROM DER, 659 FT RIGHT OF CENTERLINE, UP TO 38 FT AGL/1018 FT MSL. POLE 1387 FT FROM DER, 795 FT LEFT OF CENTERLINE, 39 FT AGL/1019 FT MSL. TREE 2417 FT FROM DER, 1104 FT LEFT OF CENTERLINE, 83 FT AGL/1064 FT MSL. TREE 2706 FT FROM DER, 1098 FT RIGHT OF CENTERLINE, 1054 FT MSL.

NOTE: RWY 32R, APPROACH LIGHT 1 FT FROM DER, ON CENTERLINE, 984 FT MSL. APPROACH LIGHT 10 FT FROM DER, 55 FT LEFT OF CENTERLINE, 5 FT AGL/985 FT MSL. UTILITY 169 FT FROM DER, 456 FT LEFT OF CENTERLINE, 10 FT AGL/990 FT MSL. POLE 1145 FT FROM DER, 790 FT RIGHT OF CENTERLINE, 1017 FT MSL. TREES BEGINNING 2216 FT FROM DER, 767 FT RIGHT OF CENTERLINE, UP TO 1065 FT MSL. TREES BEGINNING 3022 FT FROM DER, 956 FT RIGHT OF CENTERLINE, UP TO 109 FT AGL/1091 FT MSL.

NOTE: RWY 36, APPROACH LIGHT 456 FT FROM DER, 1 FT LEFT OF CENTERLINE, 11 FT AGL/993 FT MSL. LIGHT POLE BEGINNING 939 FT FROM DER, 673 FT RIGHT OF CENTERLINE, UP TO 32 FT AGL/1012 FT MSL. TRAVERSE WAY 1121 FT FROM DER, 744 FT RIGHT OF CENTERLINE, 1014 FT MSL. TRAVERSE WAY BEGINNING 1160 FT FROM DER, 317 FT RIGHT OF CENTERLINE, UP TO 1015 FT MSL. POLE BEGINNING 1339 FT FROM DER, 756 FT LEFT OF CENTERLINE, UP TO 38 FT AGL/1018 FT MSL. TREES BEGINNING 2730 FT FROM DER, 1014 FT RIGHT OF CENTERLINE, UP TO 101 FT AGL/1082 FT MSL. TREES BEGINNING 3288 FT FROM DER, 1196 FT LEFT OF CENTERLINE, UP TO 1068 FT MSL. +

CONTROLLING OBSTACLES:

RWY 14L: 1268 FT MSL TREE 411648.56N/0955123.40W (CLIMB GRADIENT, CLIMB-TO ALTITUDE). 1284 FT MSL TREES 411620.84N/0955100.53W (CEILING, VISIBILITY).

RWY 14R: 1281 FT MSL TREE 411620.29N/0955102.09W.

RWY 14L, 14R, 18, 32L, 32R, 36: 2548 FT MSL TOWER 411825.00N/0960138.00W (OBSTACLES MANDATING ROUTE DEVELOPMENT).

LOST COMMUNICATIONS PROCEDURES:

ADDITIONAL FLIGHT DATA:

CHART: TOP ALTITUDE: (JETS) 5000/(PROPS) 4000.

REFERENCE MAG VAR: KOMA 2E EPOCH YEAR: 2020.

AIRPORTS SERVED:

<u>AIRPORT NAME</u>	<u>CITY</u>	<u>STATE</u>
EPPLEY AIRFIELD	OMAHA	NE

COMMUNICATIONS:

ATIS, CLNC DEL, GND CON, OMA TOWER, OMA DEP CON WEST.

FIXES AND/OR NAVAIDS:

ONL VORTAC, OFK VOR/DME, OBH VORTAC, LBF VOR/DME, LNK VORTAC, PWE VORTAC, ICT VORTAC.



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REMARKS:
ABBREVIATED AMENDMENT - TACR.

FLIGHT INSPECTED BY:

ZACK SMYER

OFFICE SYMBOL:

FICO

DATE:

02/01/2018

Digitally signed by

ADOLFO D URRUTIA

Feb 09, 2018

DEVELOPED BY:

SYLVAN DRAKES

Digitally signed by

SYLVAN DRAKES

Oct 31, 2017

OFFICE SYMBOL:

AJV-5433

DATE:

10/30/2017

APPROVED BY:

PATRICK MULQUEEN

OFFICE SYMBOL:

AJV-5430

DATE:

Digitally signed by

ADOLFO D URRUTIA

Feb 09, 2018

REQUIRED EFFECTIVE DATE:

ROUTINE.

COORDINATED WITH:

A4A **ALPA** **AOPA** **APA** **HAI** **NBAA**

OTHER:

ZMP, OMA APP CON, OMA ATCT, AMGR.

CHANGES - REASONS:

1. UPDATED MAGNETIC VARIATION (MAG VAR) FOR EPPLEY AIRFIELD AIRPORT (KOMA) - UPDATED FROM 5E (EPOCH YEAR 2000) TO 3E AND THEN 2E (EPOCH YEAR 2020) - MAGNETIC VARIATION UPDATE REQUIRED.
2. UPDATED LBF VORTAC TO LBF VOR/DME - TACR PROJECT TO CONVERT VORTACS TO VOR/DMES.
3. CHANGED RWY 14R TAKEOFF MINIMUMS FROM STANDARD TO 300-2 1/2 OR STANDARD WITH MINIMUM CLIMB OF 210 FT PER NM TO 1400 - TO CLEAR A NEWLY IDENTIFIED ICA OBSTACLE.
4. CHANGED RWY 14L TAKEOFF MINIMUMS CLIMB GRADIENT FROM 270 FT PER NM TO 275 FT PER NM - TO CLEAR A REEVALUATED IDENTIFIED ICA OBSTACLE.
5. UPDATED RWY 18, 36, 14L, 14R, 32L, 32R DP ROUTE DESCRIPTION - INCREASED ALL CLIMB HEADINGS 3 DEGREES DUE TO MAG VAR CHANGE, REST OF THE INFORMATION REMAINS UNCHANGED.
6. UPDATED RWY 18, 36, 14L, 14R, 32L, 32R TAKEOFF OBSTACLE NOTES - NEW/UPDATED SURVEYED DATA AND TAKEOFF OBSTACLES.

