

**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SUPERSEDED NUMBER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>ACTUAL EFFECTIVE DATE</u>
WILSY	THREE	WILSY3.WILSY	TWO	07/21/2016	08/10/2023

<u>TYPE:</u>	<u>OBSTACLE</u>	<u>COPTER</u>	<u>SID</u>	<u>SPECIAL</u>	<u>RNAV</u>
	☐	☐	☒	☐	☒

DP ROUTE DESCRIPTION:

TAKEOFF RWY 3: CLIMB ON HEADING 035.90 TO INTERCEPT COURSE 096.84 TO FUQUA, THEN ON TRACK 156.27 TO HMMEL, THEN ON TRACK 224.76 TO MFARM. THENCE...

TAKEOFF RWY 13: CLIMB ON HEADING 138.21 TO INTERCEPT COURSE 177.23 TO LIVSY, THEN ON TRACK 194.63 TO MFARM. THENCE...

TAKEOFF RWY 21: CLIMB ON HEADING 215.91 TO INTERCEPT COURSE 144.16 TO LIVSY, THEN ON TRACK 194.63 TO MFARM. THENCE...

...ON TRACK 173.93 TO WILSY. MAINTAIN 4000, EXPECT FILED ALTITUDE 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>
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PROCEDURAL DATA NOTES:**PBN REQUIREMENTS NOTES:**

RNAV 1 - DME/DME/IRU OR GPS.

EQUIPMENT REQUIREMENT NOTES:

RADAR REQUIRED FOR NON-GPS EQUIPPED AIRCRAFT.

RWY 3: FOR NON-GPS EQUIPPED AIRCRAFT, MHK DME MUST BE OPERATIONAL.

TAKEOFF MINIMUMS:

RWY 31: NA - AIR TRAFFIC.

RWY 3, 13, 21: STANDARD WITH MINIMUM CLIMB OF 500 FT PER NM TO 1566.

TAKEOFF OBSTACLES NOTES:

SEE FORM 8260-15A, TAKEOFF MINIMUMS AND OBSTACLE DEPARTURE PROCEDURES (ODP).

CONTROLLING OBSTACLES:

RWY 13: 1207 FT MSL TERRAIN 390732.58N/0963904.95W.

MSA:

MSA FROM KMHK 3100

LOST COMMUNICATIONS PROCEDURES:

<u>DP NAME</u>	<u>NUMBER</u>	<u>DP COMPUTER CODE</u>	<u>SUPERSEDED NUMBER</u>	<u>DATED</u>	<u>ACTUAL EFFECTIVE DATE</u>
WILSY	THREE	WILSY3.WILSY	TWO	07/21/2016	08/10/2023

ADDITIONAL FLIGHT DATA:

REFERENCE MAG VAR: KMHK 4E EPOCH YR: 2010.

DME/DME ASSESSMENT: SAT (RNP 1.0)

CHART: TOP ALTITUDE: 4000.

AIRPORTS SERVED:

<u>AIRPORT ID</u>	<u>CITY</u>	<u>STATE</u>
KMHK	MANHATTAN	KS

COMMUNICATIONS:

CHART: ASOS, CTAF, MHK GND CON, MHK ATCT, FRI GCA, ZKC

FIXES AND/OR NAVAIDS:**REMARKS:**

VEGETATION HEIGHT USED - 60 FT.

PER CFPT, HISTORICAL TAILWIND (2016-2020) USED.

FLIGHT INSPECTED BY

PENDING

Digitally signed by
DAVID TEFFETELLER
May 02, 2023

OFFICE**DATE****DEVELOPED BY**

FRANK MOORE

Digitally signed by
FRANK MOORE
Apr 21, 2023

OFFICE

AJV_A433

DATE

03/23/2023

APPROVED BY

JOHNNIE BAKER

Digitally signed by
CASIMIR L TABAKA
May 01, 2023

OFFICE

AJV-A430

DATE**TITLE**

MANAGER

REQUIRED EFFECTIVE DATE

ROUTINE

COORDINATED WITH:

A4A ☐ **ALPA** ☒ **AOPA** ☒ **APA** ☒ **HAI** ☐ **NBAA** ☒ **OTHER:** MHK ATCT, ZKC, AMGR

CHANGES - REASONS:

1. REMOVED NOTE: DME/DME/IRU OR GPS REQUIRED AND RNAV-1 AND ADDED PBN REQUIREMENTS NOTE: RNAV-1 - DME/DME/IRU OR GPS - 8260-46J 2-1-2.F.(6)
2. CHANGED EQUIPMENT REQUIREMENTS NOTE FROM RADAR REQUIRED TO RADAR REQUIRED FOR NON-GPS EQUIPPED AIRCRAFT - 8260-46J 2-1-1.F.(5)
3. REMOVED TAKEOFF OBSTACLE NOTES AND ADDED SEE FORM 8260-15A, TAKEOFF MINIMUMS AND OBSTACLE DEPARTURE PROCEDURES (ODP) - 8260-46J 2.I.
4. REMOVED STANDARD FROM LOST COMMUNICATIONS - 8260-46J 2.K.(1).
5. UPDATED CONTROLLING OBSTACLES - RUNWAY CONSTRUCTION AND NEW SURVEY.
6. REMOVED AS ASSIGNED BY ATC FROM DP ROUTE DESCRIPTION - MAINTAIN 4000 IS STATED.
7. ADDITION OF MSA - 8260-46J 2.K.
8. 60 FT VEGETATION HEIGHT ADDED TO REMARKS - PER FPT.
9. HISTORICAL TAILWIND (2016-2020) USED ADDED TO REMARKS - PER FPT.

QUALITY
12
CHECKED

**FEDERAL AVIATION ADMINISTRATION
FLIGHT STANDARDS SERVICE
DEPARTURE (DATA RECORD)**

DP NAME					NUMBER		DP COMPUTER CODE		SUPERSEDED NUMBER		DATED	ACTUAL EFFECTIVE DATE
WILSY					THREE		WILSY3.WILSY		TWO		07/21/2016	08/10/2023
FIX/NAVAID	LAT/LONG	C	FO/FB	LEG TYPE	TC	DIST (NM)	ALTITUDE		SPEED			REMARKS
RW03 (AER)	390753.58N/0964048.74W	N	-	-	-	-						
-	390940.37N/0963854.02W	-	-	VI	039.90	2.32						500 FT PER NM CLIMB GRADIENT TO 1566
FUQUA	390855.00N/0963348.90W	Y	FB	CF	100.84	4.03						
HMMEL	390440.66N/0963151.89W	Y	FB	TF	160.27	4.50						
MFARM	385801.30N/0964134.90W	Y	FB	TF	228.76	10.08						
RW13 (AER)	390859.63N/0964035.43W	N	-	-	-	-						
-	390722.56N/0963958.81W	-	-	VI	142.21	2.05						500 FT PER NM CLIMB GRADIENT TO 1566
LIVSY	390349.20N/0963904.69W	Y	FB	CF	181.23	3.55						
MFARM	385801.30N/0964134.90W	Y	FB	TF	198.63	6.11						
RW21 (AER)*	390846.88N/0963951.50W*	N	-	-	-	-						*DISPL THLD (370 FT)
-	390705.04N/0964140.83W	-	-	VI	219.91	2.21						500 FT PER NM CLIMB GRADIENT TO 1566
LIVSY	390349.20N/0963904.69W	Y	FB	CF	148.16	3.84						
MFARM	385801.30N/0964134.90W	Y	FB	TF	198.63	6.11						
MFARM	385801.30N/0964134.90W	Y	-	IF	-	-						
WILSY	383210.24N/0964023.53W	Y	FB	TF	177.93	25.84						

QUALITY
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CHECKED