

FEDERAL AVIATION ADMINISTRATION
FLIGHT STANDARDS SERVICE
STANDARD TERMINAL ARRIVAL (STAR)

Bearings, headings, courses, tracks and radials are magnetic. Elevations and altitudes are in feet, MSL. Altitudes are minimum altitudes unless otherwise indicated.
Distances are in nautical miles (NM). Graphic depictions attached.

| Arrival Name | Number | STAR Computer Code | Superseded Number | Dated | Effective Date |
|---------------------|-------------|---------------------|-------------------|-------------------|--------------------|
| DAMEN (RNAV) | FOUR | SACKO.DAMEN4 | THREE | 07/21/2016 | 29 MAR 2018 |

TRANSITION ROUTES:

| Transition Name | Transition Computer Codes | From FIX/NAVAID | To FIX/NAVAID | Mag Course | Distance | MEA | MOCA | MAA | Crossing Altitudes / Fixes |
|-----------------|---------------------------|-----------------|---------------|------------|----------|-------|------|-----|----------------------------|
| ALENN | ALENN.DAMEN4 | ALENN | ALENN | | | | | | |
| | | | SACKO | 072.90 | 47.99 | 10000 | 2500 | | |
| DAAVE | DAAVE.DAMEN4 | DAAVE | DAAVE | | | | | | |
| | | | ZARDA | 098.03 | 40.00 | FL180 | 2100 | | |
| | | | PENTO | 098.55 | 43.45 | 10000 | 2100 | | |
| | | | SACKO | 103.95 | 26.99 | 10000 | 2100 | | |
| JAYVO | JAYVO.DAMEN4 | JAYVO | JAYVO | | | | | | |
| | | | REDLG | 166.34 | 22.07 | 16000 | 2000 | | |
| | | | SCHMT | 166.83 | 25.70 | 10000 | 2100 | | |
| | | | SACKO | 166.35 | 27.01 | 10000 | 2100 | | |

ARRIVAL ROUTE DESCRIPTION:

FROM SACKO ON TRACK 104.26/10.01 TO CHERI (MEA 6000/MOCA 2200), THEN ON TRACK 104.42/20.53 TO DAMEN (MEA 6000/MOCA 2200), THEN ON ASSIGNED RUNWAY TRANSITION.

LANDING RWY 17L/R: FROM DAMEN ON TRACK 118.59/6.80 TO CAESR (MEA 6000/MOCA 2400), THEN ON TRACK 078.59/5.40 TO HAUGN (MEA 6000/MOCA 2400), THEN ON TRACK 348.86/6.50 TO CURNL (MEA 4000/MOCA 2400), THEN ON TRACK 348.86. EXPECT RADAR VECTORS TO FINAL APPROACH COURSE.

LANDING RWY 29: FROM DAMEN ON TRACK 111.11/15.38 TO COORN (MEA 6000/MOCA 2400), THEN ON TRACK 116.32/12.33 TO SQWRL (MEA 4000/MOCA 2300), THEN ON TRACK 116.32. EXPECT RADAR VECTORS TO FINAL APPROACH COURSE.

LANDING RWY 35L/R: FROM DAMEN ON TRACK 100.95/11.48 TO HAUGN (MEA 6000/MOCA 2400), THEN ON TRACK 165.74/8.15 TO LEWSS (MEA 5000/MOCA 2400), THEN ON TRACK 170.39. EXPECT RADAR VECTORS TO FINAL APPROACH COURSE.

PROCEDURAL DATA NOTES:

NOTE: RADAR REQUIRED

NOTE: RNAV 1

NOTE: DME/DME/IRU OR GPS REQUIRED

NOTE: TURBOJET AIRCRAFT ONLY

CHART AT CHERI: EXPECT CLEARANCE TO CROSS AT 11000/250 KIAS.

FIXES AND/OR HOLDING PATTERNS:

CHART HOLDING AT CHERI: W, LT, 104.42 INBOUND, 10 NM LEGS.

CHART BRBON AND SCARY AS STAND-ALONE WAYPOINTS.

CHART IIU VORTAC.

COMMUNICATIONS:

LOUISVILLE APP CON

STANDIFORD ATIS

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AIRPORTS SERVED:

LOUISVILLE INTL-STANDIFORD FIELD, LOUISVILLE, KY

LOST COMMUNICATIONS PROCEDURE:

LANDING RWY 17L/R: TRACK TO CURNL, CROSS CURNL AT 4000, THEN PROCEED DIRECT SCARY, AT SCARY FLY HEADING 080, MAINTAIN 4000: INTERCEPT AND EXECUTE ILS OR LOC RWY 17R APPROACH, IF UNABLE PROCEED TO IIU VORTAC AND HOLD, MAINTAIN 6000.

LANDING RWY 35L/R: TRACK TO LEWSS, CROSS LEWSS AT 5000, THEN PROCEED DIRECT BRBON, MAINTAIN 5000, EXECUTE ILS OR LOC RWY 35L APPROACH. IF UNABLE, PROCEED TO IIU VORTAC AND HOLD, MAINTAIN 6000.

LANDING RWY 29: TRACK TO SQWRL, CROSS SQWRL AT 3000, AT SQWRL FLY HEADING 020, MAINTAIN 3000. INTERCEPT AND EXECUTE LOC RWY 29 APPROACH. IF UNABLE, PROCEED TO IIU VORTAC AND HOLD, MAINTAIN 6000.

REMARKS:

DEPICT SCARY OFFSET FROM FM LEG AFTER CURNL TO AVOID AIRCREW MISUNDERSTANDING.

ABBREVIATED AMENDMENT, DOES NOT SATISFY PERIODIC REVIEW REQUIREMENTS.

ADDITIONAL FLIGHT DATA:

DME/DME ASSESSMENT: SAT (RNP 2.0)

REFERENCE MAGNETIC VARIATION = KSDF 05W/2020

CHART AT LEWSS: "LANDING RWY 35L/R: EXPECT RADAR VECTORS TO FINAL APPROACH COURSE AFTER LEWSS."

CHART AT CURNL: "LANDING RWY 17L/R: EXPECT RADAR VECTORS TO FINAL APPROACH COURSE AFTER CURNL."

CHART AT SQWRL: "LANDING RWY 29: EXPECT RADAR VECTORS TO FINAL APPROACH COURSE AFTER SQWRL."

FLIGHT INSPECTED BY:

FLIGHT INSPECTION REVIEW NOT REQUIRED - PROCESSED
IAW FLIGHT TEAM (AJW-333) MEMO, MAY 30, 2017.

Name

Organization

Date

Digitally signed by

ROBERT G HAMILTON

Dec 12, 2017

Signature

DEVELOPED BY:

PETER GUIMOND

Name

AJV-5422

Organization

08/05/2017

Date

Digitally signed by

PETER R GUIMOND

Aug 05, 2017

Signature

APPROVED BY:

JULIE MORGAN

Name

AJV-5420

Organization

Date

Digitally signed by

ROBERT G HAMILTON

Dec 12, 2017

Signature

CHANGES:

1. AMENDED REFERENCE MAGVAR FROM 3W (1995) TO 5W (2020).
2. INCREASED ALL MAGNETIC COURSES TWO DEGREES.
3. AMENDED RECOMMENDED NAVAID FOR FM LEGS FROM RID VORTAC TO YRK VORTAC.
4. DELETED SPECIAL CHARTING REQUEST: INSERT "TRK" ON GRAPHIC DEPICTION FOR FM LEGS AFTER CURNL, LEWSS, AND SQWRL IN ADDITIONAL FLIGHT DATA.



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REASONS:

1. MATCH PENDING AIRPORT MAGVAR FOR KSDF.
2. COMPUTED USING AMENDED REFERENCE MAGVAR.
3. YRK ASSIGNED FACILITY MAGVAR MATCHES UPDATED REFERENCE MAGVAR. BQM VOR/DME WAS CONSIDERED BUT IS SCHEDULED FOR DECOMMISSION IN FY 2019.
4. NOT AN AUTHORIZED ENTRY PER CHARTING SPECS.

QUALITY
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CHECKED

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STAR (DATA RECORD)

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| FIX/NAVAID | LAT/LONG | C | FO/FB | LEG TYPE | TC | DIST (NM) | ALTITUDE | SPEED | REMARKS |
|----------------------------|--------------------------|---|-------|----------|--------|-----------|----------|-------|--------------------------------|
| En Route Transition | | | | | | | | | |
| ALENN | 375735.09N / 0873953.25W | Y | | IF | | | | | ALENN.DAMEN4 |
| SACKO | 381526.16N / 0864325.83W | Y | FB | TF | 067.90 | 47.99 | | | |
| En Route Transition | | | | | | | | | |
| DAAVE | 382456.27N / 0890311.20W | Y | | IF | | | | | DAAVE.DAMEN4 |
| ZARDA | 382238.06N / 0881223.33W | Y | FB | TF | 093.03 | 40.00 | | | |
| PENTO | 381943.31N / 0871716.73W | Y | FB | TF | 093.55 | 43.45 | | | |
| SACKO | 381526.16N / 0864325.83W | Y | FB | TF | 098.95 | 26.99 | | | |
| En Route Transition | | | | | | | | | |
| JAYVO | 392626.98N / 0871342.00W | Y | | IF | | | | | JAYVO.DAMEN4 |
| REDLG | 390531.00N / 0870438.00W | Y | FB | TF | 161.34 | 22.07 | | | |
| SCHMT | 384103.95N / 0865423.78W | Y | FB | TF | 161.83 | 25.70 | | | |
| SACKO | 381526.16N / 0864325.83W | Y | FB | TF | 161.35 | 27.01 | | | |
| Common Route | | | | | | | | | |
| SACKO | 381526.16N / 0864325.83W | Y | | IF | | | | | SACKO.DAMEN4 |
| CHERI | 381348.75N / 0863053.65W | Y | FB | TF | 099.26 | 10.01 | | | |
| DAMEN | 381024.14N / 0860513.01W | Y | FB | TF | 099.42 | 20.53 | | | |
| Runway Transition | | | | | | | | | |
| DAMEN | 381024.14N / 0860513.01W | Y | | IF | | | | | |
| CAESR | 380740.30N / 0855718.83W | Y | FB | TF | 113.59 | 06.80 | | | |
| HAUGN | 380911.74N / 0855044.80W | Y | FB | TF | 073.59 | 05.40 | | | |
| CURNL | 381526.75N / 0855302.45W | Y | FO | TF | 343.86 | 06.50 | | | |
| KSDF:RWY 17B | | | | FM | 343.86 | | | | RECOMMENDED NAVAID: YRK VORTAC |
| Runway Transition | | | | | | | | | |
| DAMEN | 381024.14N / 0860513.01W | Y | | IF | | | | | |

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| FIX/NAVAID | LAT/LONG | C | FO/FB | LEG TYPE | TC | DIST (NM) | ALTITUDE | SPEED | REMARKS |
|-------------|--------------------------|---|-------|----------|--------|-----------|----------|-------|--------------------------------|
| COORN | 380606.36N / 0854630.09W | Y | FB | TF | 106.11 | 15.38 | | | |
| SQWRL | 380136.14N / 0853157.60W | Y | FO | TF | 111.32 | 12.33 | | | |
| KSDF:RWY 29 | | | | FM | 111.32 | | | | RECOMMENDED NAVAID: YRK VORTAC |

Runway Transition

| | | | | | | | | | |
|--------------|--------------------------|---|----|----|--------|-------|--|--|--------------------------------|
| DAMEN | 381024.14N / 0860513.01W | Y | | IF | | | | | |
| HAUGN | 380911.74N / 0855044.80W | Y | FB | TF | 095.95 | 11.48 | | | |
| LEWSS | 380129.42N / 0854720.62W | Y | FO | TF | 160.74 | 08.15 | | | |
| KSDF:RWY 35B | | | | FM | 165.39 | | | | RECOMMENDED NAVAID: YRK VORTAC |

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