

NORTH CENTRAL AND GREAT LAKES US

Jeppesen CHART CHANGE NOTICES highlight only **significant** changes affecting Jeppesen Charts, also regularly updated at www.jeppesen.com.
IMPORTANT: CHECK FOR NOTAMS AND OTHER PERTINENT INFORMATION PRIOR TO FLIGHT.

ENROUTE CHARTS

GENERAL

United States National Reference System (NRS)
 Waypoints: Waypoints revoked along the US/Canadian border as follows:

- KP21I
- KP24A
- KP24C
- KP24E
- KP24G
- KP24Y
- KS21C
- KS24G
- KS24I
- KS24K
- KU24M
- KU24O
- KU24Q
- KU24S
- KU24U
- KU24W.

UNITED STATES

NAVAIDS

- ATWOOD, Kan NDB (ADT) decmsnd. **LO-19/6B.**
- BELLE FOURCHE (EFC) NDB decmsnd. **LO-18/1B.**
- BELLEFONTAINE (EDJ) NDB decmsnd. **LO-34/2A.**
- BROOKFIELD, MO (BZK) NDB shutdown. **LO-28/3C.**
- Cadillac, Mich (CAD) NDB decmsnd. **LO-30/4D.**
- CARMI (CUL) NDB shutdown. **LO-35/5B.**
- CASEY (CZB) NDB Mag Var chgd to 0°. **LO-33/5D.**
- CINCINNATI-BLUE ASH, OHIO (ISZ) NDB OTS. **LO-34/2C.**
- CIRCLEVILLE (CYO) NDB decmsnd. **LO-34/2D.**
- DON SCOTT (DKG) NDB decmsnd. **LO-34/2B.**
- DRUMMOND I (DRM) NDB decmsnd. **LO-29/10C.**
- DUGWAY, Utah (DPG) NDB decmsnd. **LO-9/7D.**
- Eureka, Mont NDB comsnd. Ident 'EUR', Freq 392, Coords N48 58.0 W115 05.1, Mag Var 20° East. **LO-7/7B.**
- GALLIPOLIS NDB (GAS) decmsnd. **LO-34/3C.**
- Glendive, Mont (GDV) NDB Mag Var chgd to 10°E. **LO-7/10C.**
- GRINNELL (GGI) NDB decmsnd. **LO-27/7C.**
- HICKS, Ark (IUI) NDB decmsnd. **LO-20/4D.**
- HOOK FIELD (Middletown), Ohio (HKF) NDB OTS indefinitely. **LO-34/2C.**
- HORTON (HTN) NDB decmsnd. **LO-7/10C.**
- IOWA FALLS, Iowa NDB (IFA) decmsnd. **LO-27/7C.**
- KENNEDY, WISC (ENY) NDB decmsnd. **LO-29/7C.**
- LAKE LAWN (Delavan), WISC (LVV) NDB OTS. **LO-31/5A.**
- Lima, Ohio (LYL) NDB decmsnd. **LO-34/2A.**
- LITCHFIELD NDB (LTD) decmsnd. **KSTL 10-1, LO-33/5C.**
- MARION (MNN) NDB decmsnd. **LO-34/2B.**
- MCCALL (IOM) NDB decmsnd. **LO-7/7C, LO-8/1B.**

- PARIS NDB (PRG) decmsnd. **LO-33/6C.**
- PIPESTONE (PQN) NDB shutdown. **LO-27/5B.**
- PORTSMOUTH (PMH) NDB decmsnd. **LO-34/2D.**
- RENSELAER (RZL) NDB decmsnd. **LO-33/6A.**
- RICE LAKE, WI (RPD) VOR/DME OTS indefinitely. **LO-26/3D, LO-30/1B.**
- RUGBY, N DAK (RUG) NDB decmsnd. **LO-17/5B.**
- SHELDON, IOWA (DDL) VOR/DME shutdown. **LO-27/6A.**
- Valley City, N Dak (VCY) NDB decmsnd. **LO-17/6C.**
- VINCENNES (OEA) NDB decmsnd. **LO-33/6C, LO-35/6A.**
- WAUPACA, WISC (PCZ) NDB OTS. **LO-30/2D.**
- WEST UNION, OHIO (AMT) NDB OTS. **LO-34/2C.**
- ZIONSVILLE, Ind NDB (HZZ) decmsnd. **LO-33/6B, LO-34/1C.**

AIRPORTS

- BRYCE CANYON-Apt redesign IFR. **LO-10/2B.**
- CADIZ, Ky -Lake Barkley State Park CTAF 123.0. **LO-35/6C.**
- GILBERTSVILLE, Ky -Kentucky Dam State Park CTAF 123.0. **LO-35/5D.**
- LA POINTE, Wisc Madeline I renamed Maj. Gilbert. **LO-25/6C, LO-29/7C.**
- LEXINGTON, MICH -Flugplatz apt CTAF 122.9 desig. **LO-30/5D.**
- LINCOLN, MICH Flying M Ranch renamed Milwrick Flying M. **LO-30/5A.**
- MOUNTAIN HOME, ARK Ozark Regional renamed Baxter County. **LO-20/3C.**
- PANGUITCH-Apt redesign IFR. **LO-10/2B.**
- ST GEORGE, Utah -Mun apt ident KSGU. **LO-10/2A.**
- SUBLETTE, KAN -Apt renamed Mun. **LO-19/6D.**

AIRWAYS

- EYUVU NCRP established at N36 18.3 W109 33.9. **LO-10/3D.**
- RENZO NCRP desig (N41 08.1 W089 48.4) Bradford, Ill (BDF) VOR R-262. **LO-31/4D, LO-33/4B.**
- V2-86 Livingston, Mont (LVM) VOR - Reepo MEA 9700
 Colus - Billings (BIL) VOR MEA 6400 E BND. **LO-7/8D-9C.**
- V2-465 CONUK NCRP desig (N46 09.2 W107 03.6)
 Miles City, Mont (MLS) VOR R-239/48 DME.
 Mileages:
 NIBBE - CONUK 44 NM
 CONUK ASHLI 34 NM. **LO-7/9D.**
- V4 Hodni, Idaho - Grips, Wyo MEA 16000'. Grips, Wyo - Rock Springs, Wyo (OCS) VOR MEA 11000'. **LO-8/3CD, LO-9/8AB.**
- V4 ZOLGA NCRP desig (N41 42.0 W107 19.5)
 Cherokee, Wyo (CKW) VOR R-091/12 DME.
 Mileages:
 'CKW' VOR - Zolga 12 NM
 Zolga - Truma 13 NM. **LO-8/4C, LO-9/9A.**
- V4-429 ZOLLI CNF redesign NCRP. **LO-20/4B.**
- V5 FABDO NCRP desig (N40 04.6 W082 43.9)
 Appleton, Ohio (APE) VOR R-242/8 DME.
 Mileages:

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- 'APE' VOR - FABDO 8NM
FABDO - TIYOY 6NM. **LO-34/2B.**
- V6 Gipper, Ind (GIJ) VOR - BRYTO MEA 3500'.
LO-31/6D.
- V6 OMBIE NCRP desig (N41 22.8 W103 58.6)
Sidney, Neb (SNY) VOR R-278/48 DME. Mileages:
Apayu - Ombie 28 NM
Ombie - Albin 15 NM. **LO-8/5C, LO-9/10A,
LO-18/1C, LO-19/5B.**
- V6-142 PUDVY NCRP established (N41 32.6 W109
20.5) Rock Springs, Wyo VOR (OCS) R-246/15
DME. Mileages:
'FBR' VOR - PUDVY 50 NM
PUDVY - 'OCS' VOR 15 NM. Eff 09 Feb 12.
LO-8/3D, LO-9/8B.
- V7 VANJI NCRP relocated (N39 41.7 W087 12.9)
Terre Haute, IND (TTH) VOR R-005/13 DME.
Mileages:
'TTH' VOR - Vanji 13 NM
Vanji - Wavel 7 NM. **LO-33/6C.**
- V8-524 JUSEP NCRP desig (N40 51.3 W082 27.6)
Mansfield, Ohio (MFD) VOR R-101/6 DME.
Mileages:
'MFD' VOR - JUSEP 6 NM
JUSEP - READS 15 NM. **LO-34/2B.**
- V9-69 YEARY NCRP desig (N40 41.2 W088 51.9)
Pontiac, Ill (PNT) VOR R-214/10 DME. Mileages:
'PNT' - Yearly 10 NM
Yearly - Kappa 4 NM. **LO-33/5A.**
- V13 HUDRU NCRP desig (N47 31.5 W090 51.7)
Duluth, Minn (DLH) R-046/70 DME.
Mileages:
UDORY - HUDRU 17 NM
HUDRU - BYPOR 27 NM. **LO-29/7A.**
- V13 MECNU NCRP redesign (N47 58.4 W089 59.6)
Thunder Bay, Ont (YQT) R-234/28 DME.
Mileages:
MPCEG - MECNU 3NM
MECNU - BYPOR 17NM. **LO-29/7A.**
- V13 SUZLI NCRP desig (N47 18.2 W091 16.8)
Duluth, Minn (DLH) R-046/48 DME. Mileages:
Weman - Suzli 12 NM
Suzli - Udory 5 NM. **LO-29/6B.**
- V14 MEVDY NCRP established (N37 11.5 W093
41.3) Springfield, Mo VOR (SGF) R-236/20 DME.
Mileages:
'SGF' VOR - MEVDY 20 NM
MEVDY - VAUNT 7 NM. Eff 09 Feb 12. **LO-20/2D.**
- V21-235 FRNZY NCRP desig (N39 58.2 W112
07.1) Fairfield, Utah (FFU) VOR R-188/20 DME.
Mileages:
REEKA - FRNZY 6 NM
FRNZY - PUCIT 19 NM. **LO-9/7D.**
- V26 WOVET - Green Bay, Wisc (GRB) VOR MEA
3000'. **LO-30/3C.**
- V38 ZOBIG NCRP desig (N39 09.0 W080 39
.9) Elkins, W Va (EKN) VOR R-305/30 DME.
Mileages:
BENZO - ZOBIG 7 NM
ZOBIG - JULEA 15 NM. **LO-34/3D.**
- V43-210 CEPPI (N40 41.6 W081 32.9) and ZETMU
(N40 36.8 W081 44.8) NCRPs desig. Briggs, Ohio
(BSV) VOR R-246. Mileages:
'BSV' VOR - CEPPI 6 NM
CEPSI - WILMO 6 NM
WILMO - ZETMU 4 NM
- ZETMU - 'TVT' VOR 20 NM. **LO-34/3A.**
- V47 SACKO - MAIZE MEA 6000'. **LO-35/6B,
LO-36/1A.**
- V49 TACDO revoked. TANDS - Bowling Green, Ky
(BWG) VOR 24NM. **LO-35/6D, LO-36/1C.**
- V50 KECER NCRP desig (N40 31.8 W098 00.2)
Hastings, Neb (HSI) VOR R-096/20 DME.
Mileages:
SHART - KECER 9 NM
KECER - SUEKI 20 NM. **LO-19/7A.**
- V53 OLETE NCRP established (N37 29.7 W083
28.7) Hazard, Ky VOR (AZQ) R-305/12 DME.
Mileages:
'AZQ' VOR - OLETE 12NM
OLETE - TRENT 17NM. Eff 09 Feb 12. **LO-36/2D.**
- V63 ENETE NCRP desig (N45 02.0 W089 33.4)
Wausau, Wisc (AUW) VOR R-005/11 DME.
Mileages:
'AUW' VOR - ENETE Int 11NM
ENETE Int - ZUPIG 8NM. **LO-30/2B.**
- V69 LUNXO revoked. GACES - UMWIX 5NM.
LO-20/4C, LO-35/4D.
- V71 BAYAF NCRP desig (N45 13.8 W100 20.1)
Pierre, S Dak (PIR) VOR R-341/51 DME.
Mileages:
ILECU - BAYAF 7 NM
BAYAF - YAIT5 53 NM. **LO-17/5D, LO-18/2B.**
- V71 ENDRS NCRP established (N36 50.4 W093
16.4) Springfield, Mo VOR (SGF) R-171/31 DME.
Mileages:
SPOKE - ENDRS 5 NM
ENDRS - REEDS 3 NM. Eff 09 Feb 12. **LO-20/2D.**
- V73 WAKOP NCRP established (N37 20.6 W097
06.5) Wichita, Kan VOR (ICT) R-130/33 DME.
Mileages:
CAWBU - WAKOP 12 NM
WAKOP - FRAKS 53 NM. Eff 09 Feb 12.
LO-19/7D, LO-20/1C.
- V78-609 WELVI NCRP desig (N43 58.9 W084
09.2) Saginaw, Mich (MBS) VOR R-356/27 DME.
Mileages:
Benny - Welvi 15 NM
Welvi - Banjo 8 NM. **LO-30/5C.**
- V82 RECOS NCRP desig (N46 57.6 W094 31.1)
Brainerd, Minn (BRD) VOR R-328/42 DME.
Mileages:
HUUTA - RECOS 17 NM
RECOS - BLUOX 42 NM. **LO-25/4D.**
- V82-170-510 FAPKO NCRP desig (N43 42.6 W090
29.6) Dells, Wisc (DLL) VOR R-284/ 33 DME.
Mileages:
'DLL' - Fapko 33 NM
Fapko - Booty 21 NM. **LO-30/2C.**
- V85-118 YEKUS NCRP desig (N41 42.4 W105 55.6)
Medicine Bow, Wyo (MBW) VOR R-143/9 DME.
Mileages:
'MBW' VOR - YEKUS 9 NM
YEKUS - PUCIP 14 NM. **LO-8/4D, LO-9/9B.**
- V101 UYRAG NCRP desig (N40 31.3 W106 34.4)
Hayden, Colo (CHE) VOR R-076/34 DME.
Mileages:
ECHOA - UYRAG 15 NM
UYRAG - BROCC 10 NM. **LO-9/9D.**
- V113 Helena, Mont VOR (HLN) - Lewistown, Mont
VOR (LWT) MEA 11100'. **LO-7/8CD.**

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- V119 Croup, Ohio - Henderson, W Va (HNN) VOR MEA 5500. **LO-34/3C.**
- V120 ISAME NCRP desig (N46 25.7 W106 11.1) Miles City, Mont (MLS) VOR R-271/10 DME. Mileages:
'MLS' VOR - ISAME 10 NM
ISAME - ESTRO 121 NM. **LO-7/9D.**
- V120 WAVEG NCRP desig (N46 19.1 W105 43.9) Miles City, Mont (MLS) VOR R-097/10 DME. Mileages:
'MLS' VOR - WAVEG 10 NM
WAVEG - DIXLE 130 NM. **LO-7/10C.**
- V120 YOGOS NCRP desig (N47 19.5 W110 49.6) Great Falls, Mont (GTF) VOR R-091/25 DME. Mileages:
Jayke - Yogos 14 NM
Yogos - Ufxit 43 NM. **LO-7/8B.**
- V128 ILILE NCRP desig (N38 33.2 W082 36.1) York, Ky (YRK) VOR R-112/19 DME. Mileages:
'YRK' - Ilile 19 NM
Ilile - Croup 10 NM. **LO-34/2D.**
- V131 KACED NCRP desig (N38 00.1 W095 35.0) Chanute, Kan (CNU) VOR R-356/23 DME. Mileages:
'CNU' VOR - KACED 23 NM
KACED - HOCJO 7 NM.
LO-20/1D.
- V134 SLOLM NE to V220 NW MTA 12900. Eff 09 Feb 12. **LO-9/9C.**
- V148 FEDMU NCRP desig (N45 28.8 W092 39.1) Gopher, Minn (GEP) VOR R-050/36 DME. Mileages:
CINCI - FEDMU 10 NM
FEDMU - ALEEN 22 NM. **LO-26/3A, LO-30/1A.**
- V161 LIYIK NCRP desig (N43 35.1 W092 48.5) Rochester, Minn (RST) R-213/15 DME. Mileages:
'RST' - Liyik 15 NM
Liyik - Kefgo 30 NM. **LO-30/1C.**
- V169 ZAVLI NCRP desig (N44 21.0 W102 34.8) Rapid City, S Dak (RAP) VOR R-027/29 DME. Mileages:
Beefy - Zavli 12 NM
Zavli - 'DPR' VOR 57 NM. **LO-18/1B.**
- V170 WODTY NCRP desig (N46 00.7 W098 29.3) Aberdeen, S Dak (ABR) VOR R-345/36 DME. Mileages:
Gicay - Wodty 3 NM
Wodty - Fibog 11 NM. **LO-17/6C.**
- V172 HUDNI NCRP desig (N41 24.5 W097 56.1) Wolbach, Nebr (OBH) VOR R-077/19 DME. Mileages:
'OBH' VOR - HUDNI 19 NM
HUDNI - CISTA 15 NM. **LO-18/3C, LO-19/7A.**
- V187 SINSY NCRP desig (N38 47.0 W108 42.4) Grand Junction, Colo (JNC) VOR R-151/17 DME. Mileages:
'JNC' VOR - Sinsy 17 NM
Sinsy - Herrm 18 NM. **LO-10/3B, LO-9/8D.**
- V187-365 Abarn renamed ROSOE. **LO-7/8C.**
- V190 HORAV NCRP desig (N37 51.6 W088 16.2) Pocket City, Ind (PXV) R-257/24 DME. Mileages:
UXZOR - HORAV 7 NM
HORAV - TEXAS 13 NM. **LO-35/5B.**
- V191 IHQEB withdrawn. LODGE - TARPE 7NM. Eff 09 Feb 12. **LO-33/5B.**
- V193 CEGSI NCRP desig (N44 25.2 W085 35.3) Traverse City, Mich (TVC) VOR R-188/15 DME. Mileages:
METHN - CEGSI 9 NM
CEGSI - BABBE 12 NM. **LO-30/4C.**
- V193-320 TIDDU NCRP desig (N44 52.7 W085 21.6) Traverse City, Mich R-035/15 DME. Mileages:
SKIPR - TIDDU 3 NM
TIDDU - ADENO 11 NM.
LO-30/4B.
- V208 FOSOV NCRP desig (N39 24.2 W110 44.7) Carbon, Utah (PUC) VOR R-164/12 DME. Mileages:
'PUC' VOR - FOSOV 12 NM
FOSOV - 'HVE' VOR 59 NM. **LO-9/8C.**
- V210 WUDIR NCRP established (N36 29.1 W109 29.4) Rattlesnake, N Mex VOR (RSK) R-243/69 DME and YIKLO NCRP established (N36 24.6 W109 52.3) Tuba City, Ariz VOR (TBC) R-060/70 DME. Mileages:
'TBC' VOR - YIKLO 70 NM
YIKLO - ROUGH 9 NM
ROUGH - WUDIR 10 NM
WUDIR - ZENFO 69 NM. Eff 09 Feb 12. **LO-10/3C,3D.**
- V211 BRAZO - Durango, Colo VOR (DRO) MEA westbound 11300'. Eff 09 Feb 12. **LO-10/4A.**
- V211 Durango, Colo VOR (DRO) - Cortez, Colo VOR (CEZ) MEA 11300'. Eff 09 Feb 12. **LO-10/3B-4A.**
- V217-505 DUNEC NCRP established (N47 43.9 W093 15.8) Hibbing, Minn (HIB) VOR R-317/34 DME. Mileages:
'HIB' VOR - DUNEC 34 NM
DUNEC - SQAOK 12 NM. **LO-25/5C, LO-29/6A.**
- V220 LENIY NCRP desig (N40 40.9 W098 47.6) Kearney, Neb (EAR) VOR R-095. Mileages:
'EAR' VOR - LENIY 10 NM
LENIY - MORGS 2 NM. **LO-19/7A.**
- V233 JOMID NCRP desig (N43 57.7 W084 48.8) Mount Pleasant, Mich (MOP) VOR R-356/21 DME. Mileages:
'MOP' VOR - Jomid 21 NM
Jomid - Carga 41 NM. **LO-30/4D.**
- V246 Hubpo revoked. Stevens Point, Wisc (STE) - Vecsu 24NM. **LO-30/2D.**
- V250 HIVNO (N42 52.0 W097 32.4) NCRP desig. Yankton, S Dak (YKN) VOR R-238/8 DME. Mileages:
'YKN' VOR - HIVNO 8 NM
HIVNO - 'ONL' 56 NM.
LO-18/3C.
- V254 JITAG NCRP established (N47 53.5 W106 30.2) Glasgow, Mont VOR (GGW) R-152/20 DME. Mileages:
'GGW' VOR - JITAG 20 NM
JITAG - 'MLS' VOR 93 NM. Eff 09 Feb 12. **LO-7/9B.**
- V257 NUBGE NCRP desig (N41 20.0 W112 25.9) Malad City, Idaho (MLD) VOR R-162/52 DME. Mileages:
KREBS - NUBGE 9 NM
NUBGE - MOINT 5 NM. **LO-8/2D, LO-9/7B.**
- V257 ODQOC revoked. MSURY NCRP desig (N47 15.8 W111 39.5). Great Falls, Mont (GTF) VOR R-206/15 DME. Mileages:
'GTF' VOR - MSURY 15 NM

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- MSURY - TUCOK 15 NM. **LO-7/8C.**
 V257 RUHQY renamed PSHKN. **LO-7/8D.**
 V269 YOYYU NCRP desig (N43 56.9 W113 21.3)
 Pocatello, Idaho (PIH) VOR R-318, 72 DME, MEA
 16000. Mileages:
 JATTS - YOYYU 46 NM
 YOYYU - JINIK 58 NM. **LO-8/2B.**
 V293 EPUHE NCRP desig (N39 00.8 W114 43.4) Ely,
 Nev (ELY) VOR R-147/ 18 DME. Mileages:
 'ELY' VOR - Epuhe 18 NM
 Epuhe - Dotme 11 NM. **LO-9/6D.**
 V305 EYTEJ NCRP desig (N38 56.7 W086 43.9)
 Hoosier, IND (OOM) VOR R-207/13 DME.
 Mileages:
 'OOM' VOR - Eytej 13 NM
 Eytej - Wegee 29 NM. **LO-33/6C.**
 V307 PPAMM NCRP established (N36 25.3 W093
 27.0) Harrison, Ark VOR (HRO) R-294/13 DME.
 Mileages:
 'HRO' VOR - PPAMM 13 NM
 PPAMM - HARKS 13 NM. Eff 09 Feb 12.
LO-20/2D.
 V320 ICADA (N43 52.3 W084 55.7) and ZOLOX (N44
 12.6 W085 11.4) NCRPs desig. Mileages:
 'MOP' VOR - ICADA - ZOLOX - 'TVC' VOR
 17/23/32 NM. **LO-30/4D.**
 V344 BAYAF (N45 13.8 W100 20.1) and UNIBY (N45
 18.0 W099 39.0) NCRPs desig. Aberdeen, S Dak
 (ABR) VOR R-256.
 Mileages:
 CALOG - BAYAF 20 NM
 BAYAF - UNIBY 29 NM
 UNIBY - HEXID 30 NM. **LO-17/5D, LO-18/2B.**
 V380 IKUME NCRP desig (N40 17.3 W098 21.7)
 Hastings, Neb (HSI) VOR R-164/19 DME.
 Mileages:
 'HSI' VOR - IKUME 19 NM
 IKUME - 'TKO' VOR 29 NM. **LO-19/7A.**
 V391 ZIKOS NCRP established (N39 57.8 W109
 16.1) Vernal, Utah VOR (VEL) R-142/27 DME.
 Mileages:
 BONGO - ZIKOS 11 NM
 ZIKOS - MACKS 40 NM. Eff 09 Feb 12. **LO-9/8D.**
 V430 IVIVE NCRP desig (N48 24.6 W108 24.4)
 Havre, Mont (HVR) VOR R-082/55 DME.
 Mileages:
 ISITE - IVIVE 35 NM
 IVIVE - CAGAT 5 NM. **LO-7/9A.**
 V430 KEEVR NCRP established (N48 17.2 W107
 14.4) Glasgow, Mont VOR (GGW) R-266/25 DME.
 Mileages:
 BOWDN - KEEVR 10 NM
 KEEVR - 'GGW' VOR 25 NM. Eff 09 Feb 12.
LO-7/9B.
 V430 NEGAE NCRP established (N48 09.4 W106
 08.1) Glasgow, Mont VOR (GGW) R-086/20 DME.
 Mileages:
 'GGW' VOR - NEGAE 20 NM
 NEGAE - DORIA 23 NM. Eff 09 Feb 12. **LO-7/9B.**
 V465 ACAKO NCRP desig (N47 14.9 W104 57.5)
 Miles City, Mont (MLS) VOR R-023/66 DME.
 Mileages:
 Saylor - Acako 1 NM
 Acako - Exade 27 NM. **LO-7/10C, LO-17/4B.**
 V465 HAKDI NCRP established (N45 26.0 W108
 57.6) Billings, Mont VOR (BIL) R-198/27 DME.
 Mileages:
 REDLO - HAKDI 13 NM
 HAKDI - LAREI 12 NM. Eff 09 Feb 12. **LO-7/9C.**
 V465 Miles City, Mont VOR (MLS) - Williston, N Dak
 VOR (ISN) MEA 7000'. **LO-7/10BC, LO-17/4B.**
 V484 Wefoj renamed LUISS. **LO-10/4B.**
 V491 JORNO NCRP desig (N44 28.5 W102 58.4)
 Rapid City, S Dak (RAP) VOR R-350/30 DME.
 Mileages:
 'RAP' - Jorno 30 NM
 Jorno - Union 15 NM. **LO-18/1B.**
 V500 SOLDE - REAPS MEA 14000'. **LO-8/2A.**
 V508 YETUK NCRP desig (N38 56.0 W094 57.4)
 Johnson Co, Kan (OJC) VOR R-292/12 DME.
 Mileages:
 'OJC' VOR - Yetuk 12 NM
 Yetuk - Rugbb 9 NM. **LO-20/2A.**
 V520 MEA raised to 15300' Dubois, Idaho (DBS)
 VOR-Jackson, Wyo (JAC) VOR. **LO-8/2B,3A.**
 V536 DATSA NCRP desig (N47 33.5 W111 47.2)
 Great Falls, Mont (GTF) VOR R-277/17 DME.
 Mileages:
 'GTF' VOR - Datsa 17 NM
 Datsa - Chote 16 NM. **LO-7/8C.**
 V545 Axupe revoked. FESTU (N46 59.3 W104 45.9)
 and OYICE (N47 05.2 W104 34.1) NCRPs desig.
 Miles City, Mont (MLS) VOR R-038. Mileages:
 'MLS' VOR - Festu 61 NM
 Festu - Marro 4 NM
 Marro - Oyice 6 NM
 Oyice - Yafu 4 NM. **LO-7/10C, LO-17/4D.**
 V545 Miles City, Mont VOR (MLS) - Williston, N Dak
 VOR (ISN) MEA 7000'. **LO-7/10BC, LO-17/4BD.**
 V561 UNIBY NCRP desig (N45 18.0 W099 39.0)
 Aberdeen, S Dak (ABR) VOR R-256/55 DME.
 Mileages:
 'PIR' VOR - UNIBY 59 NM
 UNIBY - 'JMS' VOR 106 NM. **LO-17/5D,
 LO-18/2B.**
- ### OFF-AIRWAY INTERSECTIONS & HOLDING PATTERNS
- ALMAA withdrawn. **LO-32/1B, LO-30/4D.**
 CORIN HOLDING established. Hold NW, 151°
 inbound, RIGHT turns. **LO-8/2D, LO-9/7B.**
 GEXVE revoked. **LO-20/1B.**
 GLASS HOLDING revoked. **LO-20/4A.**
 HAPOP, NEBR HOLDING desig. Hold SW, 062°
 inbound, RIGHT turns. **LO-9/10A, LO-18/1D.**
 HAPOP, NEBR HOLDING revoked. **LO-9/10A,
 LO-18/1D.**
 HOVIN revoked. **LO-26/3C.**
 KORTT NCRP desig (N40 53.1 W089 18.9) Peoria,
 Ill (PIA) VOR R-056/25 DME. **LO-33/5A.**
 MAREO, IND NCRP desig at N39 53.0 W085 14.9.
LO-34/1B.
 OGLEU, MO RNAV NCRP desig at N39 01.1 W092
 05.2. **LO-20/3A.**
 PEPUC, IDAHO HOLDING desig. Hold SE, 312°
 inbound, LEFT turns. **LO-8/1B.**
 PIMIE HOLDING established. Hold NW, 148°
 inbound, RIGHT turns. **LO-8/2D, LO-9/7B.**
 POTTS NCRP desig at N40 44.8 W096 45.7.
LO-19/7B.
 VOAXA revoked. **LO-9/9D.**

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WREST HOLDING desig. Hold N, 171° inbound, RIGHT turns. **LO-31/5A, LO-30/2D.**
 YETUK, KAN HOLDING desig. Hold E, 292° inbound, RIGHT turns. **LO-20/2A.**
 ZAVLI HOLDING desig. Hold NE, 209° inbound, RIGHT turns. **LO-18/1B.**
 ZOMAD HOLDING revoked. **LO-36/3C.**

TERMINAL CHARTS

TERMINAL**COLORADO**

Aspen, (Aspen-Pitkin Co/Sardy), Rwy 15/33 length changed to 8006'. Rwy 15 TODA/TORA/ASDA/LDA 7006'. Rwy 33 TODA/TORA/ASDA 8006'. Rwy 33 LDA 7006'. Extension for Rwy 33 take-off only. Rwy 33 threshold remains unchanged (Now displaced). Parallel Twy A extended to new length. New Twys A9, B8 & B9 at extension end now available for use.
Denver, (Centennial), (10-3) Denver 5 Dep computer code (DENVR5.DENVR) added.
Denver, (Denver Intl), (10-2)(10-2A) Also Serves airport Jeffco renamed Rocky Mountain Metro. (10-3) Denver 5 Dep computer code (DENVR5.DENVR) added.
 (11-3) ILS Rwy 16L amend 2A, (11-6) ILS Rwy 17R amend 2A.
Denver, (Front Range), (10-3) Denver 5 Dep computer code (DENVR5.DENVR) added.
Denver, (Rocky Mountain Metropolitan), (10-3) Denver 5 Dep computer code (DENVR5.DENVR) added.
Ft Collins-Loveland, (Ft Collins-Loveland Mun), (10-3) Denver 5 Dep computer code (DENVR5.DENVR) added.
 (11-1) ILS or LOC Rwy 33 MM decmsnd.
Greeley, (Greeley-Weld Co), (10-3) Denver 5 Dep computer code (DENVR5.DENVR) added.
Pueblo, (Pueblo Meml), (11-1) ILS or LOC Rwy 8L, (11-2) ILS or LOC Rwy 26R Middle Markers removed.

ILLINOIS

Alton-St Louis, (St Louis Regl), TAKEOFF MNMS CHANGED TO AMENDMENT NO. 2
Bloomington-Normal, (Central Ill Regl), (11-4) ILS OR LOC RWY 29 Change AMDT 10A
Chicago, (Chicago-O'Hare Intl), (21-7) ILS or LOC Rwy 14R, (21-7A) ILS Rwy 14R CAT II & III IM decmsnd.
 O'HARE NORTH TOWER FREQ 128.15 HAS CHANGED TO O'HARE TOWER FREQ 128.15. (NORTH HAS BEEN REMOVED)

Rwy 4R-22L Centerline lights removed.
Chicago/Prospect Hgts/Wheeling, (Chicago Executive), (40-3) Pal-Waukeew 2 Dep computer code (PWK2.ORD) added.
Jacksonville, (Jacksonville Mun), (10-9) Amend 0 added.
Moline, (Quad-City Intl), (11-1, 12-5) LOC RWY 10, RNAV (GPS) RWY 28 REIL and PAPI decommissioned
Pinckneyville, (Pinckneyville-Du Quoin), (10-9) AIRPORT PAGE AMDT NUMBER ORIG
Rantoul, (Rantoul Natl Aviation Center-Elliott), (10-9) Apt Change AMDT 1
Springfield, (Abraham Lincoln Capital), (11-1) ILS or LOC Rwy 4 Amend 25D chgd to 25E, Reference date chgd to 15 DEC 2011. (13-3) VOR DME Rwy 22 Amend 0A chgd to 0B, Reference date chgd to 15 DEC 2011. (18-1) RADAR-1 Amend 9A chgd to 9B, Reference date chgd to 15 DEC 2011.

INDIANA

Bedford, (Grissom Mun), (10-9) Airport Page AMDT ORIG Added (EFF 22 SEP 2011)
Elkhart, (Elkhart Mun), (11-1) Airport page amdt number orig added
Indianapolis, (Indianapolis Intl), (11-5) ILS or LOC Rwy 23R Riber OM not available.
Jeffersonville, (Clark Co), Airport name Clark Co changed to Clark Regl.
Valparaiso, (Porter Co Mun), Porter Co Mun apt name chgd to Porter Co Regl.

IOWA

Des Moines, (Des Moines Intl), (10-3) Des Moines 5 Dep computer code (DSM5.DSM) added.
Dubuque, (Dubuque Regl), (13-3) VOR Rwy 36 Amend 6a chgd to 6B, Reference date 25 AUG 2011 chgd to 17 NOV 2011.
Ft Dodge, (Ft Dodge Regl), (11-1) ILS or LOC Rwy 6 Amend chgd to 7B, Reference Date: 26 AUG 2010.
Marshalltown, (Marshalltown Mun), Rwy 13/31 MIRL: Note Increase intensity on 122.8 deleted.
Osceola, (Osceola Mun), (13-1) Apt page add AMDT 0
Sheldon, (Sheldon Mun), (10-9) Amend 0, Eff 30 Jun 11.
Waterloo, (Waterloo Mun), (12-2) RNAV (GPS) Rwy 12, (12-5) RNAV (GPS) Rwy 30 hold at EYUCE should read 4 NM.

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KANSAS

Atchison, (Earhart), (13-1, Apt) Amend 0 added.
Augusta, (Augusta Mun), APT Add AMEND 1 Eff 09 Feb 12.
Dodge City, (Dodge City Regl), (11-1) Apt add AMDT 0
Garden City, (Garden City Regl), Air Carrier operations note for 24 hours PPR changed to 48 hours PPR.
Kingman, (Apt-Cessna), TAKE-OFF MNMS AMENDMENT NUMBER 0.
Marshall AAF, (Ft Riley), (32-1) RNAV (GPS) Rwy 4 AMDT ORIG A; (33-1) VOR Rwy 4 AMDT 18A; (36-1) Copter NDB Rwy 4 AMDT 1A
Moundridge, (Moundridge Mun), (10-9) Amend 0 added.
Newton, (Newton City Co), (11-1) APT Add AMEND ORIG
Olathe, (New Century Aircenter), (21-1) ILS or LOC Rwy 36 MM decmsnd.
Paola, (Miami Co), (10-9) Amend 0 added.
Scott City, (Scott City Mun), (APT) Add AMEND ORIG Eff 09 Feb 12.
Topeka, (Billard Mun), (11-1) ILS or LOC Rwy 13 MM decmsnd.
Wichita, (Wichita Mid-Continent), (11-1) ILS or LOC Rwy 1L, (11-1A) ILS Rwy 1L CAT II MM decmsnd.

KENTUCKY

Frankfort, (Capital City), (11-1, Apt) Amend 2 chgd to 2A.

MICHIGAN

Ann Arbor, (Ann Arbor Mun), (20-2) Cruxx 4 Arrival crossing altitude at CRUXX for TURBOJETS changed to 9000'.
Detroit, (Coleman A Young Mun), (40-2B) SPRTN 3 Arrival private airport Tecumseh Products removed.
Detroit, (Detroit Metro Wayne Co), Metro Tower frequency 128.12 for runway 4L-22R added.
Detroit, (Willow Run), (20-2C) SPRTN 3 Arrival private airport Tecumseh Products removed.
Detroit-Grosse Ile, (Grosse Ile Mun), (20-2) Cruxx 4 Arrival crossing altitude at CRUXX for TURBOJETS changed to 9000'.
Hancock, (Houghton Co Meml), (12-2) RNAV (GPS) Rwy 13, (12-3) RNAV (GPS) Rwy 25, (13-1) VOR Rwy 13, (13-2) VOR Rwy 25 VASI-L changed to PAPI-L.
Howell, (Livingston Co), (10-2) Cruxx 4 Arrival crossing restriction for all airports at CRUXX for TURBOJETS changed to EXPECT to cross at 250 KT and 9000'.
Jackson, (Jackson Co-Reynolds), (11-1) ILS or LOC Rwy 24 MM decmsnd.
Manistique, (Schoolcraft Co), TAKE-OFF MNMS amend 0 added.
Menominee, (Menominee-Marinette Twin Co), Rwy 32 PAPI-L chgd to VASI-L.
Monroe, (Custer), (20-2) Cruxx 4 Arrival crossing altitude at CRUXX for TURBOJETS changed to 9000'.
New Hudson, (Oakland Southwest), (10-2) Cruxx 4 Arrival crossing restriction for all airports at CRUXX for TURBOJETS changed to EXPECT to cross at 250 KT and 9000'.
Plymouth, (Canton-Plymouth-Mettetal), (20-2) Cruxx 4 Arrival crossing altitude at CRUXX for TURBOJETS changed to 9000'.
Pontiac, (Oakland Co Intl), (10-2) Cruxx 4 Arrival crossing restriction for all airports at CRUXX for TURBOJETS changed to EXPECT to cross at 250 KT and 9000'.
 (10-2B) SPRTN 3 Arrival private airport Tecumseh Products removed.
Rogers City, (Presque Isle Co), Rwy 9-27 REIL added. Activate on CTAF.
Saginaw, (MBS Intl), (11-2) ILS or LOC Rwy 23 MM decmsnd.
Selfridge ANGB, (Mt Clemens), (30-2A) SPRTN 3 Arrival private airport Tecumseh Products removed.
Tecumseh, (Meyers-Diver's), (20-2) Cruxx 4 Arrival crossing altitude at CRUXX for TURBOJETS changed to 9000'.
Three Rivers, (Three Rivers Mun-Haines), (10-9) Amend 0 added.
Troy, (Oakland/Troy), (10-2) Cruxx 4 Arrival crossing restriction for all airports at CRUXX for TURBOJETS changed to EXPECT to cross at 250 KT and 9000'.

NORTH CENTRAL AND GREAT LAKES US

MINNESOTA

- Hawley**, (Hawley Mun), (12-1) RNAV (GPS) Rwy 34 holding pattern leg length at Fargo (FAR) VOR 4 NM.
- Moorhead**, (Moorhead Mun), (10-9) Airport Page AMDT 0 added
- Rushford**, (Rushford Mun), Rwy 16/34 VASI-L added, activate on CTAF.
- St Paul**, (St Paul Downtown-Holman), (11-1) ILS or LOC Rwy 14 Reference date 11 FEB 2010 chgd to 8 APR 2010.
- Thief River Falls**, (Thief River Falls Regl), (11-1) ILS or LOC Rwy 31 MM removed.
- Two Harbors**, (Helgeson), (12-2) RNAV (GPS) RWY 24 AMDT NUMBER CHANGED TO ORIG-A

MISSOURI

- Cape Girardeau**, (Cape Girardeau Regl), (11-1) ILS or LOC Rwy 10 Amendment 11 changed to 11A reference date 8 Apr 2010.
(11-1) ILS or LOC Rwy 10 MM decmsnd.
- Cassville**, (Cassville Mun), Rwys 9 and 27 PAPI-L (angle 3.0°) added.
- Dexter**, (Dexter Mun), (13-1) VOR DME Rwy 36 Dexter (DXE) NDB removed.
- Ft Leonard Wood**, (Waynesville Regl At Forney Fld), (APT) ADD AMEND ORIG (0)
- Kansas City**, (Kansas City Intl), (42-24) RNAV (RNP) Z Rwy 19R RUGBB leg length outbound should read 4NM
- Perryville**, (Perryville Mun), Runway 20 605' Overrun removed.
- St Louis**, (Lambert-St Louis Intl), (11-8) ILS or LOC Rwy 29 Amend 1A chgd to 1B, Reference Date: 25 AUG 2011.
- Warrensburg**, (Skyhaven), (13-1) VOR DME-A Use Whiteman AFB altimeter setting note 1 removed.
- Whiteman AFB**, (Knob Noster), (31-1) ILS OR LOC DME RWY 1, (31-2) ILS OR LOC DME RWY 19, (32-1) RNAV (GPS) RWY 1, (32-2) RNAV (GPS) RWY 19 Amdt changed to Amend 2

MONTANA

- Colstrip**, (18-1) GPS Rwy 6 Straight-in landing With local altimeter setting MDA(H) 4220' (794') CAT A vis 1, CAT B vis 1 1/4, CAT C vis 2 1/4.
- Forsyth**, (Tillitt), (10-9) Airport, Airport Info, Take-off MNMS; add AMEND ORIG Eff 09 Feb 12.
- Glasgow**, (Wokal/Glasgow Intl), TAKE-OFF MNMS amend 0 added.

NEBRASKA

- Norfolk**, (Norfolk Regl-Stefan Meml), Rws 14 and 19 VASI-L chgd to PAPI-L.
- Oshkosh**, (Garden Co), Ogallala AWOS-3 available on 121.27.

NORTH DAKOTA

- Kenmare**, (Kenmare Mun), CTAF freq 122.9. TAKE-OFF MNMS AMENDMENT NUMBER ORIG.
- Mohall**, (Mohall Mun), (10-9) Airport Page AMDT ORIG Added
- Northwood**, (Northwood Mun-Vince), (APT) Add AMEND ORIG Eff 09 Feb 12.

OHIO

- Akron**, (Akron-Canton Regl), (20-9) Twy B1 clsd.
- Ashtabula**, (Ashtabula Co), (10-9) Change AMEND to Orig-A
- Chillicothe**, (Ross Co), (10-9) Change Amndt to AMEND 3A
- Cincinnati**, (Cincinnati/Northern Ky Intl), (21-2) ILS or LOC Rwy 18L MM decmsnd.
- Cleveland**, (Cuyahoga Co), (21-1) LOC DME (BACK CRS) Rwy 6 and (21-2) ILS or LOC Rwy 24 Hogaf (GF) Locator decmsnd.
- Columbus**, (Rickenbacker Intl), Rwy 23L TDZ lights removed.
- Dayton**, (Cox-Dayton Intl), (11-2) ILS or LOC Rwy 18 LOC frequency changed to 108.3. Rwy 06L PAPI-L (Angle 3.0°) added.
- Galion**, (Galion Mun), VOR Rwy 23: Straight-In Rwy 23, With CUBYS, With Marion Altimeter Setting, CAT A/B visibility 1.
- Mansfield**, (Mansfield Lahm Regl), (11-1) ILS Rwy 32 ILS localizer unusable from 0.3 NM to Rwy 32 threshold.
(12-1) RNAV (GPS) Rwy 5 Amend 0A, reference date 16 DEC 2010.

SOUTH DAKOTA

- Huron**, (Huron Regl), (11-1) ILS or LOC Rwy 12 MM removed.

WISCONSIN

- Mineral Point**, (Iowa Co), (12-1/APT) TAKE-OFF MNMS Amdt 0 added.
- Shell Lake**, (Shell Lake Mun), Rwy 14 VASI-L changed to PAPI-L (angle 4.0°), Rwy 32 VASI-L changed to PAPI-L (angle 3.0°).
- Waukesha**, (Waukesha Co), (12-1) RNAV (GPS) Rwy 10 VASI-L changed to PAPI-R (angle 3.0°).
(13-1) VOR-A Waukesha (UES) NDB shutdown.

WYOMING

- Casper**, (Casper-Natrona Co Intl), (13-1) VOR DME Rwy 3 R-204 from DDY VOR at CHOMP D36.0 changed to R-205.
Airport name changed to Casper/Natrona Co Intl.
- Gillette**, (Gillette-Campbell Co), (11-1) ILS or LOC Rwy 34 MM decmsnd.
- Jackson**, (Jackson Hole), (10-3) Geyser Four Departure: DME required.

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