



TO: Owners/Operators of G5000-equipped Cessna Citation Sovereign 680 and Citation X 750 aircraft, and G3000-equipped Cessna Citation M2 and Cessna Citation CJ3 aircraft

DATE: December 10, 2014 **SUBJECT:** LP and LPV Approaches

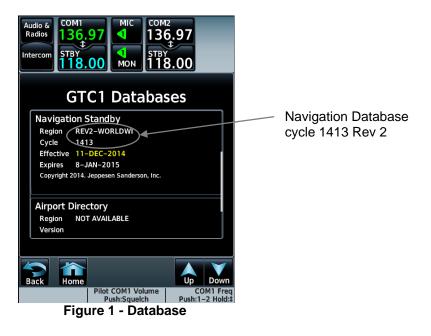
PRODUCTS AFFECTED

G5000-equipped Cessna Citation Sovereign 680 and Citation X 750 aircraft, and G3000-equipped Cessna Citation M2 and Cessna Citation CJ3 aircraft with navigation database cycle 1413 or earlier are affected.



Aircraft with navigation database cycle 1413 Rev 2 and later are not affected by this bulletin.

The navigation database cycle can be viewed on the GTC (see Figure 1). From the Home Screen, touch Utilities > Setup > Avionics Status > Database.



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ISSUE

RNP (Required Navigation Performance) data included in the LP and LPV approaches that are attached to the end of this service alert cause the scale factor of the CDI (Course Deviation Indicator) to be incorrect. The incorrect scale factor affects the displayed course error on the CDI.

PILOT ACTION

Until navigation database cycle 1501 (or later) is loaded, do not fly LP or LPV approaches that annunciate "RNP" near the center of the HSI (see Figure 2) when the active waypoint is the final approach fix (FAF) or the aircraft is on final approach inside the FAF. A list of these approaches is attached to the end of this service alert.



RESOLUTION

This issue will be resolved in navigation database cycle 1501 (and later).

Example:

KAPC R36LZ is the KAPC RNAV (GPS) Z RWY 36L approach KICT R14-Y is the KICT RNAV (GPS) Y RWY 14 approach

| Airport_ID | Approach | Airport_Name FINGER LAKES REGL FINGER LAKES REGL CYNTHIANA HARRISON CO CYNTHIANA HARRISON CO MC CREARY CO MC CREARY CO MC CREARY CO MOUNTAIN GROVE MEML MILLEN MARYLAND GENEVA MUN JENNINGS JENNINGS JENNINGS MONTGOMERY CO COPELAND LE ROY BOIS BLANC ISLAND BOIS BLANC ISLAND BOIS BLANC ISLAND BOIS BLANC ISLAND BOIS BLANC ISLAND BOIS BLANC ISLAND SAUK CENTRE MUN LEA CO FRANKLIN MEML LEA CO FRANKLIN MEML LEA CO FRANKLIN MEML JOENSUU EELDE EELDE GARDERMOEN GARDERMOEN GARDERMOEN GARDERMOEN GARDERMOEN GARDERMOEN GARDERMOEN GARDERMOEN GARDENOEN SAVE STORUMAN RUSSELL CO RUSSELL CO RUSSELL CO RUSSELL CO RUSSELL CO RUSSELL CO RUSSELL CO RUSSELL CO RUSSELL CO HENDERSON | Airport_City | State |
|--------------------------------------|----------------------|---|-----------------------|----------|
| 0G7 | RNAV 01 | FINGER LAKES REGL | SENECA FALLS | NY |
| 0G7 | RNAV 19 | FINGER LAKES REGL | SENECA FALLS | NY |
| OIS | RNAV 11 | CYNTHIANA HARRISON CO | CYNTHIANA | KY |
| OIS | RNAV 29 | CYNTHIANA HARRISON CO | CYNTHIANA | KY |
| 181 | RNAV 04 | MC CREARY CO | PINE KNOT | KY |
| 18T | RNAV 22 | MC CREARY CO | PINE KNOT | KY |
| 1MO | RNAV 26 | MOUNTAIN GROVE MEMI | MOUNTAIN GROVE | MO |
| 2.15 | DNAV 25 | MILLEN | MULLEN | 67 |
| 200 | RNAV 35 | MILLEN | MILLEN | GA |
| 2W5 | RNAV UZ | MARILAND | INDIAN HEAD | MD |
| 330 | RNAV 11 | GENEVA MUN | GENEVA | AL |
| 3R7 | RNAV 08 | JENNINGS | JENNINGS | LA |
| 3R7 | RNAV 26 | JENNINGS | JENNINGS | LA |
| 4 3 A | RNAV 03 | MONTGOMERY CO | STAR | NC |
| 4 3 A | RNAV 21 | MONTGOMERY CO | STAR | NC |
| 4T2 | RNAV 17 | COPELAND | FT WORTH | TX |
| 4T2 | RNAV 35 | COPELAND | FT WORTH | TX |
| 5G0 | RNAV 28 | LE ROY | LE ROY | NY |
| 6Y1 | RNAV 10 | BOTS BLANC ISLAND | BOTS BLANC ISLAND | MT |
| GV1 | DNDV 20 | DOLG DIANG TGLAND | DOLG DIANG ISLAND | MT |
| 011 | RNAV 20 | BOIS BLANC ISLAND | BOIS BLANC ISLAND | MI |
| 039 | KNAV 14 | SAUK CENTRE MUN | SAUK CENTKE | MIN |
| D39 | RNAV 32 | SAUK CENTRE MUN | SAUK CENTRE | MN |
| E06 | RNAV 03 | LEA CO FRANKLIN MEML | LOVINGTON | NM |
| E06 | RNAV 21 | LEA CO FRANKLIN MEML | LOVINGTON | NM |
| EFJO | RNAV 10 | JOENSUU | JOENSUU | |
| EFJO | RNAV 28 | JOENSUU | JOENSUU | |
| EHGG | RNAV 05 | EELDE | GRONTNGEN | |
| EHGG | RNAV 23 | FELDE | GRONINGEN | |
| SHOG | DNDV 25 | meuce | DEVENTED | |
| BHIE | RNAV 20 | TEUGE | DEVENTER | |
| ENGM | RNAV OIL | GARDERMOEN | OSLO | |
| ENGM | RNAV 01R | GARDERMOEN | OSLO | |
| ENGM | RNAV 19L | GARDERMOEN | OSLO | |
| ENGM | RNAV 19R | GARDERMOEN | OSLO | |
| ESGP | RNAV 01 | SAVE | GOTEBORG | |
| ESGP | RNAV 19 | SAVE | GOTEBORG | |
| ESUD | RNAV 15 | STORUMAN | STORUMAN | |
| K24 | RNAV 17 | RUSSELL CO | TAMESTOWN | KV |
| NZ 4 | DNDV 25 | RUSSELL CO | TAME STOWN | ICT I |
| NZ4 | KINAV 55 | RUSSELL CO | JAMESIOWN | K1 |
| K38 | RNAV 17 | WASHINGTON CO VETERANS MEML | WASHINGTON | KS |
| K38 | RNAV 35 | WASHINGTON CO VETERANS MEML | WASHINGTON | KS |
| K74 | RNAV 11 | ODEGAARD | KINDRED | ND |
| K78 | RNAV 17 | ABILENE MUN | ABILENE | KS |
| K78 | RNAV 35 | ABILENE MUN | ABILENE | KS |
| KAAS | RNAV 05 | TAYLOR CO | CAMPBELLSVILLE | KY |
| KAAS | RNAV 23 | TAYLOR CO | CAMPBELLSVILLE | KY |
| KAC7 | RNAV 09 | HENDERSON | WALLACE | NC |
| KACZ. | RNAV 27 | HENDERSON | WALLACE | NC |
| | NNAV ZI | RENDERSON | NALLACE | NC |
| NADE: | KNAV 04 | FLORENCE MEML | AKKADELPHIA | AR |
| KADE | KNAV 22 | FLORENCE MEML | AKKADELPHIA | AR |
| kafw | RNAV 34R | FT WORTH ALLIANCE | FT WORTH | TX |
| KAKR | RNAV 25 | AKRON FULTON INTL | AKRON | OH |
| KALW | RNAV 02 | WALLA WALLA REGL | WALLA WALLA | WA |
| KALW | RNAV 20 | WALLA WALLA REGL | WALLA WALLA | WA |
| KALX | RNAV 36 | RUSSELL | ALEXANDER CITY | AL. |
| KAPC | RNAV 361.7 | NAPA CO | NAPA | CA |
| KATL | RNAV 08LY | HARTSFIELD JACKSON ATLANTA I | ATLANTA | GA |
| | NNAV UGLI | NARISFIELD JACKSON ATLANTA I | | GA |
| KATL | RNAV 08R | HARTSFIELD JACKSON ATLANTA I | ATLANTA | GA |
| KATL | RNAV 09L | HARTSFIELD JACKSON ATLANTA I | ATLANTA | GA |
| KATL | RNAV 09R | HARTSFIELD JACKSON ATLANTA I | ATLANTA | GA |
| (ATL | RNAV 10 Y | HARTSFIELD JACKSON ATLANTA I | ATLANTA | GA |
| KATL | RNAV 26L | HARTSFIELD JACKSON ATLANTA I | ATLANTA | GA |
| KATL | RNAV 26RY | HARTSFIELD JACKSON ATLANTA I | ATLANTA | GA |
| KATL | RNAV 27L | HARTSFIELD JACKSON ATLANTA I | ATLANTA | GA |
| KATL | RNAV 27R | HARTSFIELD JACKSON ATLANTA I | ATLANTA | GA |
| | | | | |
| KATL | RNAV 28 Y | HARTSFIELD JACKSON ATLANTA I | ATLANTA | GA |
| | RNAV 17 | HURON CO MEML | BAD AXE | MI |
| KBAX | | | | |
| KBAX | RNAV 35 | HURON CO MEML | BAD AXE | MI |
| KBAX KBAX | | HURON CO MEML BOCA RATON | BAD AXE BOCA RATON | MI FL |
| (BAX (BAX (BCT | RNAV 35 RNAV 23 Y | BOCA RATON | BOCA RATON | FL |
| KBAX KBAX KBCT KBEC KBEC | RNAV 35 | | | |

| KBFM | RNAV 18 | MOBILE DOWNTOWN | MOBILE | AL |
|-----------|--------------------|--|------------------|------|
| KBFM | RNAV 32 | MOBILE DOWNTOWN MOBILE DOWNTOWN | MOBILE | AL |
| KBFM | RNAV 36 | MOBILE DOWNTOWN | MOBILE MOBILE | AL |
| VDFD | DNAV 21 | CDT COM MUN | PEDEORD | TM |
| NDEK | RIVAV SI | GRISSOM MUN | BEDFORD | TIN |
| KBHK | RNAV 31 | BAKER MUN | BAKER | M.L. |
| KBKX | RNAV 12 | BROOKINGS REGL | BROOKINGS | SD |
| KBKX | RNAV 30 | BROOKINGS REGL | BROOKINGS | SD |
| KBNA | RNAV 02CY | NASHVILLE INTL | NASHVILLE | TN |
| KBNA | RNAV 02LY | NASHVILLE INTL | NASHVILLE | TN |
| KDNA | DNAV 02DV | NACUVILLE INTE | NACHVILLE | TN |
| KDNA | RNAV UZRI | NASHVILLE INIL | NASHVILLE | TIN |
| KBNA | RNAV ZULY | NASHVILLE INTL | NASHVILLE | TN |
| KBNA | RNAV 20RY | NASHVILLE INTL | NASHVILLE | TN |
| KBOI | RNAV 10LY | BOISE AIR TERMINAL GOWEN | BOISE | ID |
| KBOI | RNAV 10RY | BOISE AIR TERMINAL GOWEN | BOISE | ID |
| KBST | RNAV 15 | BELFAST MUN | BELFAST | ME |
| VDCT | DNAV 33 | DETENCT MUN | DETENCT | ME |
| KDBI | DNAV 000 | VELLOCC | DAMMIE ODEEK | MT |
| KBIL | RNAV ZSR | KETTOGG | BATTLE CREEK | MT |
| KBWG | RNAV 03 | BOWLING GREEN WARREN CO REGL | BOWLING GREEN | KY |
| KBWI | RNAV 33LY | BALTIMORE WASHINGTON INTL THUR | BALTIMORE | MD |
| KCBF | RNAV 18 | COUNCIL BLUFFS MUN | COUNCIL BLUFFS | IA |
| KCBF | RNAV 36 | COUNCIL BLUFFS MUN | COUNCIL BLUFFS | TА |
| KOMU | DNAV 29DV | DOPT COLUMPUS INTI | COLIMPILS | 04 |
| KCOM | NNAV ZONI | COMULTA LA CALLE CO | COLUMBOS | mu |
| KCOT | KNAV 13 | COTULLA LA SALLE CO | COTULLA | TX |
| KCOT | RNAV 31 | COTULLA LA SALLE CO | COTULLA | ΤX |
| KCTB | RNAV 05 | CUT BANK INTL | CUT BANK | ΜT |
| KCTB | RNAV 23 | CUT BANK INTL | CUT BANK | MT |
| KCWI | RNAV 14 | MOBILE DOWNTOWN MOBILE DOWNTOWN MOBILE DOWNTOWN GRISSOM MUN BAKER MUN BROOKINGS REGL BROOKINGS REGL BROOKINGS REGL NASHVILLE INTL NASHVILLE INTL NASHVILLE INTL NASHVILLE INTL NASHVILLE INTL NASHVILLE INTL NASHVILLE INTL BOISE AIR TERMINAL GOWEN BOISE AIR TERMINAL GOWEN BOISE AIR TERMINAL GOWEN BELFAST MUN EELFAST MUN EELFAST MUN EELFAST MUN COUNCIL BLUFFS MUN COUNCIL BLUFFS MUN COUNCIL BLUFFS MUN COUNCIL BLUFFS MUN COUNCIL BLUFFS MUN COTULLA LA SALLE CO COTULLA LA SALLE CO CUT BANK INTL CUT BANK INTL CUT BANK INTL CLINTON MUN CLINTON MUN CAPITAL CITY DAYTONA BEACH INTL DALLAS LOVE DALLAS LOVE DALLAS LOVE DALLAS FT WORTH INTL DALLAS FT | CLINTON | IA |
| KOWT | DNAV 21 | CI INTON MUN | CLINTON | ТΔ |
| NOWI | DNAV 21 | CLEINION HON | UADDIGDUDG | TA |
| NGAI | KNAV US | CAPITAL CITI | HARKISBURG | PA |
| KDAB | RNAV 25R | DAYTONA BEACH INTL | DAYTONA BEACH | FL |
| KDAL | RNAV 13RZ | DALLAS LOVE | DALLAS | TΧ |
| KDAL | RNAV 31LY | DALLAS LOVE | DALLAS | TΧ |
| KDAL | RNAV 31RY | DALLAS LOVE | DALLAS | TX |
| KDCV | RNAV 19 | DAVIESS CO | WASHINGTON | TM |
| KDGI | NIAV 10 | DAVIESS CO | DALLAG DE NODELL | 114 |
| KDEW | RNAV 17C | DALLAS FT WORTH INTL | DALLAS FT WORTH | ΤX |
| KDFW | RNAV 17L | DALLAS FT WORTH INTL | DALLAS FT WORTH | ΤX |
| KDFW | RNAV 17R | DALLAS FT WORTH INTL | DALLAS FT WORTH | TX |
| KDFW | RNAV 18L | DALLAS FT WORTH INTL | DALLAS FT WORTH | TΧ |
| KDEW | DNAV 10D | DALLAS PT WORTH INTI | DALLAG ET WORTH | mv |
| KDEW | RIVAV IOR | DALLAS FI WORTH INTL | DALLAS FI WORTH | 1 1 |
| KDFW | RNAV 31LY | DALLAS FT WORTH INTL | DALLAS FT WORTH | ΤX |
| KDFW | RNAV 35C | DALLAS FT WORTH INTL | DALLAS FT WORTH | ΤX |
| KDFW | RNAV 35L | DALLAS FT WORTH INTL | DALLAS FT WORTH | TΧ |
| KDFW | RNAV 35R | DALLAS FT WORTH INTL | DALLAS FT WORTH | TX |
| KDFW | RNAV 36L | DALLAS FT WORTH INTL | DALLAS FT WORTH | TΥ |
| KDEW | DNAV 36D | DALLAS ET WORTH INTI | DALLAS ET MORTH | mv |
| KDEN | DUDU OOD | DALLAS II WORTH INTE | DALLAS EI WORTH | MT |
| KDTW | RNAV USR | DETROIT METRO WAINE CO | DETROIT | MT |
| KDTW | RNAV 04R | DETROIT METRO WAYNE CO | DETROIT | MI |
| KDTW | RNAV 22R | DETROIT METRO WAYNE CO | DETROIT | MI |
| KDVL | RNAV 03 | DEVILS LAKE RGNL | DEVILS LAKE | ND |
| KEBS | RNAV 32 | WEBSTER CITY MUN | WEBSTER CITY | IA |
| KECS | RNAV 14 | MONDELL | NEWCASTLE | WV |
| KECS | DNAV 20 | MONDELL | NEWCASTIE | TATV |
| REC3 | RIVAV JZ | MONDELL | NEWCASILE | VVI |
| KEVV | KNAV U4 | EVANSVILLE REGL | EVANSVILLE | IN |
| KEVV | RNAV 22 | EVANSVILLE REGL | EVANSVILLE | IN |
| KEWB | NINAV US | | | MA |
| KEWB | RNAV 23 | NEW BEDFORD REGL | NEW BEDFORD | MA |
| KEWR | RNAV 04RY | NEWARK LIBERTY INTL | NEWARK | NJ |
| | RNAV 10L | FLYING CLOUD | MINNEAPOLIS | MN |
| | | | MINNEAPOLIS | |
| | | | | MN |
| | | | FRANKFORT | ΚY |
| | | | PALM COAST | FL |
| KFIN | RNAV 11 | FLAGLER CO | PALM COAST | FL |
| | RNAV 10LZ | FT LAUDERDALE HOLLYWOOD INTL FT LAUDERDALE HOLLYWOOD INTL | FT LAUDERDALE | FL |
| | RNAV 10R | FT LAUDERDALE HOLLYWOOD INTI- | FT LAUDERDALE | FL |
| | | FT LAUDERDALE HOLLYWOOD INTL | | FL |
| | | | | |
| | | FT LAUDERDALE HOLLYWOOD INTL | | FL |
| | | | | NE |
| | RNAV 33 | BRENNER | FALLS CITY | NE |
| KFNT | RNAV 18 | BISHOP INTL | FLINT | MI |
| | RNAV 01 | | RUTHERFORDTON | NC |
| <i>k.</i> | RNAV 19 | RUTHERFORD CO MARCHMAN | | NC |
| | | | AT AL | |
| | RNAV 21 | FOSS | SIOUX FALLS | SD |
| | RNAV 34 | FT WORTH MEACHAM INTL | FT WORTH | TΧ |
| KFXE | RNAV 08 | FT LAUDERDALE EXECUTIVE | FT LAUDERDALE | FL |
| KFXE | RNAV 26 | FOSS FT WORTH MEACHAM INTL FT LAUDERDALE EXECUTIVE FT LAUDERDALE EXECUTIVE | FT LAUDERDALE | FL |
| | RNAV 18 | SOUTH LAFOURCHE LEONARD MILLER | GALLTANO | LA |
| | | SOUTH LAFOURCHE LEONARD MILLER | CALLTANO | |
| KGAO | RNAV 36 RNAV 05 | ODERNEYTILE ODERNE CONARD MILLER | ODEDNEVILLE | LA |
| KGCY | KNAV US | GREENEVILLE GREENE CO MUN | GREENEVILLE | ΤN |
| | | | | |

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| KGED | RNAV 04 | SUSSEX CO SUSSEX CO SOUTH BIG HORN CO GEORGETOWN CO GEORGETOWN CO MARSHFIELD MUN HARLOW MARSHFIELD MUN HARLOW | GEORGETOWN | DE |
|------------------------------|------------|--|-------------------------------------|------|
| KGED | RNAV 22 | SUSSEX CO | GEORGETOWN | DE |
| KGEY | RNAV 07 | SOUTH BIG HORN CO | GREYBULL | WY |
| KGGE | RNAV 05 | GEORGETOWN CO | GEORGETOWN | SC |
| KGGE | RNAV 23 | GEORGETOWN CO | GEORGETOWN | SC |
| KGHG | RNAV 06 | MARGUETET D MIN HARLOW | MARGUETELD | MA |
| KGHG | DNAV 00 | MARCHETELD MUN HARLOW | MADQUETELD | MA |
| KGHG | RNAV 24 | MARSHFIELD MUN HARLOW | MARSHFIELD | |
| KGRR | RNAV 17 | GERALD R FORD INTL | GRAND RAPIDS | MI |
| KGWR | RNAV 16 | GWINNER MELROE | GWINNER | ND |
| KGWR | RNAV 34 | GWINNER MELROE | GWINNER | ND |
| KGXY | RNAV 10 | GREELEY WELD CO | GREELEY | CO |
| KGXY | RNAV 17 | GREELEY WELD CO | GREELEY | CO |
| KGXY | DNAV 00 | CREELEY WELD CO | CDEELEY | CO |
| NGAI | RINAV 28 | GREELEI WELD CO | GREELEI | |
| KGXY | RNAV 35 | GREELEY WELD CO | GREELEY | CO |
| KHEG | RNAV 25 | HERLONG RECREATIONAL | JACKSONVILLE | FL |
| KHFJ | RNAV 18 | MONETT REGL | MONETT | MO |
| KHFJ | RNAV 36 | MONETT REGL | MONETT | MO |
| KHHF | RNAV 04 | HEMPHILL CO | CANADIAN | TX |
| KHHF | RNAV 22 | HEMPHILL CO | CANADIAN | TX |
| КНОВ | DNAV 02 | LEA CO DECL | UODDG | NM |
| KHOD | RIVAV 05 | LEA CO REGL | HODDS | |
| KHOB | RNAV 21 | LEA CO REGL | HOBBS | NM |
| KHOB | RNAV 30 | LEA CO REGL | HOBBS | NM |
| KHQU | RNAV 28 | THOMSON MC DUFFIE CO | THOMSON | GA |
| KICT | RNAV 01LY | WICHITA EISENHOWER NATL | WICHITA | KS |
| KICT | RNAV 01R | MARSHFIELD MUN HARLOW GERALD R FORD INTL GWINNER MELROE GWINNER MELROE GREELEY WELD CO GREELEY WELD CO GREELEY WELD CO HERLONG RECREATIONAL MONETT REGL MONETT REGL HEMPHILL CO LEA CO REGL LEA CO REGL LEA CO REGL LEA CO REGL LEA CO REGL MICHITA EISENHOWER NATL WICHITA EISENHOWER NATL WICHITA EISENHOWER NATL | WICHITA | KS |
| KICT | RNAV 14 V | WICHITA EIGENHOWED NAMI | WICHITA | KS |
| KTOT | NINTY 19 1 | WICHITA EISENHOWER NATL WICHITA EISENHOWER NATL WICHITA EISENHOWER NATL WICHITA EISENHOWER NATL | NICHIN | |
| KICT | KNAV 19LY | WICHITA EISENHOWER NATL | WICHITA | KS |
| KICT | RNAV 19RY | WICHITA EISENHOWER NATL | WICHITA | KS |
| KICT | RNAV 32 | WICHITA EISENHOWER NATL | WICHITA | KS |
| KIPJ | RNAV 23 | LINCOLNTON LINCOLN CO REGL KINSTON REGL JETPORT AT STALLI | LINCOLNTON | NC |
| KISO | RNAV 05 | KINSTON REGL JETPORT AT STALLI | KINSTON | NC |
| KISO | RNAV 23 | KINSTON REGL JETPORT AT STALLI | KINSTON | NC |
| KIZG | DNAV 20 | ENGREDN GLODEG DEGI | EDVEDUDC | ME |
| KI2G | RIVAV 52 | EASIERN SLOPES REGL | FRIEBURG | |
| KJAU | RNAV 23 | CAMPBELL CO | JACKSBORO | TN |
| KJFK | RNAV 22R | KENNEDY INTL | NEW YORK | NY |
| KJTC | RNAV 21 | SPRINGERVILLE MUN | SPRINGERVILLE | AZ |
| KLAN | RNAV 28L | CAPITAL REGION INTL | LANSING | MI |
| KLNA | RNAV 33 | PALM BEACH CO PARK | WEST PALM REACH | FL |
| KLOU | DNAV 04 | DOMAN | LOUTQUILLE | KY |
| KT00 | RNAV Z4 | KINSTON REGL JETPORT AT STALLI KINSTON REGL JETPORT AT STALLI EASTERN SLOPES REGL CAMPBELL CO KENNEDY INTL SPRINGERVILLE MUN CAPITAL REGION INTL PALM BEACH CO PARK BOMMAN LINCOLN REGL LAS CRUCES INTL LAS CRUCES INTL LAS CRUCES INTL SOUTH HAVEN AREA REGL SOUTH HAVEN AREA REGL MARION CO MANISTEE CO BLACKER MANISTEE CO BLACKER MUSTEE CO | LOUISVILLE | |
| KLRG | RNAV 35 | LINCOLN REGL | LINCOLN | ME |
| KLRU | RNAV 12 | LAS CRUCES INTL | LAS CRUCES | NM |
| KLRU | RNAV 30 | LAS CRUCES INTL | LAS CRUCES | NM |
| KLWA | RNAV 05 | SOUTH HAVEN AREA REGL | SOUTH HAVEN | MI |
| KLWA | RNAV 23 | SOUTH HAVEN AREA REGL | SOUTH HAVEN | MI |
| KMAO | RNAV 04 | MARTON CO | MARTON | SC |
| INNAU | DNAV 10 | MANIGREE CO. DIAGKED | MANTON | |
| KMBL | RNAV 10 | MANISTEE CO BLACKER | MANISTEE | MI |
| KMBL | RNAV 28 | MANISTEE CO BLACKER | MANISTEE | MI |
| KMBT | RNAV 18 | MURFREESBORO MUN | MURFREESBORO | TN |
| KMDW | RNAV 04RZ | CHICAGO MIDWAY INTL | CHICAGO | IL |
| KMDW | RNAV 221.7 | CHICAGO MIDWAY INTL | CHICAGO | IL |
| KMDW | DNAV 31C7 | CHICAGO MIDWAY INTL | CHICAGO | IL |
| NHDW | DNAV 12 | CHICAGO HIDWAI INIL | MADQUALIMONN | |
| KMIW | KINAV 13 | MARSHALLTOWN MUN MARSHALLTOWN MUN | MARSHALLTOWN | IA |
| KMIW | RNAV 31 | MARSHALLTOWN MUN | MARSHALLTOWN | IA |
| KMKY | RNAV 35 | MARCO I | MARCO I | FL |
| KMPV | RNAV 17 | KNAPP STATE | BARRE MONTPELIER | VT |
| KMQY | RNAV 14 | SMYRNA | | TN |
| KMOY | RNAV 32 | SMYRNA | SMYRNA | TN |
| KMUT | RNAV 12 | MUSCATINE MUN | MUSCATINE | IA |
| | | | | |
| KMUT | RNAV 30 | | MUSCATINE | IA |
| KMVL | RNAV 19 Y | | MORRISVILLE | VT |
| KMVL | RNAV 19 Z | MORRISVILLE STOWE STATE | MORRISVILLE | VT |
| KNUW | RNAV 14 | WHIDBEY I NAS | OAK HARBOR | WA |
| KNUW | RNAV 25 | | OAK HARBOR | WA |
| KOAK | RNAV 12 Y | | OAKLAND | CA |
| | | | | |
| KOAK | | | OAKLAND | CA |
| KOJA | RNAV 17 | | WEATHERFORD | OK |
| KOJA | RNAV 35 | STAFFORD | WEATHERFORD | OK |
| KOKC | RNAV 13 | WILL ROGERS WORLD | OKLAHOMA CITY | OK |
| KOKC | RNAV 17LY | WILL ROGERS WORLD WILL ROGERS WORLD WILL ROGERS WORLD | OKLAHOMA CITY | OK |
| KOKC | | WILL ROCERS WORLD | OKLAHOMA CITY | OK |
| | RNAV 17RY | HINGURGERS WORLD | | |
| KOKV | RNAV 14 | WINCHESTER REGL | WINCHESTER | VA |
| KORS | RNAV 16 | ORCAS I | EASTSOUND | WA |
| KPBH | RNAV 01 | PRICE CO | PHILLIPS | WI |
| | RNAV 28 | PLANT CITY | EASTSOUND PHILLIPS PLANT CITY | FL |
| KPCM | ***** × 20 | ST CLAIR CO INTL | PORT HURON | MI |
| | DNDV 04 | | | IM T |
| KPHN | RNAV 04 | | | |
| KPHN KPHN | RNAV 22 | ST CLAIR CO INTL | PORT HURON | MI |
| KPCM KPHN KPHN KPMP | | ST CLAIR CO INTL POMPANO BEACH | | |

| KPMP | RNAV 24 | POMPANO BEACH | POMPANO BEACH | FL |
|----------|--------------------|---|------------------------|------|
| KPMP | RNAV 33 | POMPANO BEACH | POMPANO BEACH | FL |
| KPRC | RNAV 21L | LOVE | PRESCOTT | AZ |
| KPSC | RNAV 03LY | TRI CITIES | PASCO | WA |
| KPSC | RNAV 12 Y | TRI CITIES | PASCO | WA |
| KPSC | RNAV 21RY | TRI CITIES | PASCO | WA |
| KPSC | RNAV 30 V | TRI CITIES | PASCO | WD. |
| KEBC | DNAV SO I | DIMERCETELD MUN | DIMMODIPI D | 11/2 |
| NPSE | RNAV US | PITISFIELD MON | PITTSFIELD | MA |
| KPSF | RNAV 26 | PITTSFIELD MUN | PITTSFIELD | MA |
| KPTW | RNAV 28 | HERITAGE | POTTSTOWN | PA |
| KPVG | RNAV 10 | HAMPTON ROADS EXECUTIVE | NORFOLK | VA |
| KRAW | RNAV 18 | WARSAW MUN | WARSAW | MO |
| KRAW | RNAV 36 | WARSAW MUN | WARSAW | MO |
| KRDM | RNAV 04 Y | ROBERTS | REDMOND | OR |
| KRDM | RNAV 10 | ROBERTS | REDMOND | OR |
| VDDM | DNAV 22 V | DOPENTO | REDHOND | OP |
| KRDN | DNDV 00 7 | ROBERIS DICUMOND INUT | REDITOND | UR |
| KRIC | RNAV 02 Z | RICHMOND INTL | RICHMOND | VA |
| KRIC | RNAV 16 Z | RICHMOND INTL | RICHMOND | VA |
| KRIC | RNAV 20 Z | RICHMOND INTL | RICHMOND | VA |
| KRIC | RNAV 34 Z | RICHMOND INTL | RICHMOND | VA |
| KRLD | RNAV 26 | RICHLAND | RICHLAND | WA |
| KRYW | RNAV 15 | LAGO VISTA ALLEN | LAGO VISTA | TΧ |
| KSDF | RNAV 35RY | LOUISVILLE INTL STANDIFORD | LOUISVILLE | KY |
| KSED | RNAV 16CV | SEATTLE TACOMA INTL | SEATTLE | WD |
| KGEA | RNAV 161V | SEATTLE TACOMA INTI | SEATIBE SEATTE | 6775 |
| KODA | DNAV 10D1 | CENTRE TROOMA INTE | ODATILL ODAMMI D | 5175 |
| KSEA | KNAV 16KI | SEATTLE TACOMA INTL | SEATTLE | WA |
| KSEM | RNAV 15 | CRAIG | SELMA | AL |
| KSEM | RNAV 33 | CRAIG | SELMA | AL |
| KSER | RNAV 05 | FREEMAN MUN | SEYMOUR | IN |
| KSER | RNAV 14 | FREEMAN MUN | SEYMOUR | IN |
| KSER | RNAV 23 | FREEMAN MUN | SEYMOUR | IN |
| KSER | RNAV 32 | FREEMAN MUN | SEYMOUR | TN |
| KSFO | RNAV 191. | SAN FRANCISCO INTL | SAN FRANCISCO | CA |
| KGEO | DNAV 19D | CAN FRANCISCO INTL | SAN FRANCISCO | CD |
| KOTU | DNDV 10 | SAN FRANCISCO INTE | SAN FRANCISCO | TN |
| KSIV | RNAV 18 | SULLIVAN CO | SULLIVAN | TN |
| KSIV | RNAV 36 | SULLIVAN CO | SULLIVAN | IN |
| KSJS | RNAV 03 | BIG SANDY REGL | PRESTONSBURG | KY |
| KSJS | RNAV 21 | BIG SANDY REGL | PRESTONSBURG | KY |
| KSNA | RNAV 20RY | JOHN WAYNE ORANGE CO | SANTA ANA | CA |
| KSVH | RNAV 10 | STATESVILLE REGL | STATESVILLE | NC |
| KSVH | RNAV 28 | STATESVILLE REGL | STATESVILLE | NC |
| KSVM | RNAV 02 | MOREHEAD ROWAN CO CLYDE A THO | MOREHEAD | KV |
| KOTH | DNAV 02 | MOREHEAD ROWAN CO CLIDE A THO | MOREHEAD | 1CL |
| NSIM | RNAV 20 | MOREHEAD ROWAN CO CLIDE A THO | MOREHEAD | L I |
| KTBR | RNAV 32 | STATESBORO BULLOCH CO | STATESBORO | GA |
| KTEB | RNAV 19 Y | TETERBORO | TETERBORO | NJ |
| KTNU | RNAV 14 | NEWTON MUN | NEWTON | IA |
| KTNU | RNAV 32 | NEWTON MUN | NEWTON | IA |
| KTPA | RNAV 01R | TAMPA INTL | TAMPA | FL |
| KTPF | RNAV 36 | KNIGHT | TAMPA | FL |
| KTVF | RNAV 04 | THIEF RIVER FALLS REGL | THIEF RIVER FALLS | MN |
| KTVF | RNAV 13 | THIFF RIVER FALLS REGI | THIEF RIVER FALLS | MN |
| VITUE | DNAV 22 | THIEF DIVED FALLS DECL | THILE RIVER FALLS | MNI |
| I I V E | RIVAV 22 | THIEF RIVER FALLS REGL | THIEF KIVER FALLS | PIN |
| K.T.V.F. | RNAV 31 | THIEF RIVER FALLS REGL | THIEF RIVER FALLS | MN |
| K.I.W.I. | RNAV UI | STURGIS MUN | STURGIS | Κĭ |
| KUOX | RNAV 09 | POMPANO BEACH POMPANO BEACH LOVE TRI CITIES TRI CITIES TRI CITIES PITTSFIELD MUN PITTSFIELD MUN HERITAGE HAMPTON ROADS EXECUTIVE WARSAW MUN WARSAW MUN WARSAW MUN WARSAW MUN WARSAW MUN WARSAW MUN ROBERTS ROBERTS ROBERTS ROBERTS RICHMOND INTL RICHMOND INTL RICHMOND INTL RICHMOND INTL RICHLAND LAGO VISTA ALLEN LOUISVILLE INTL STANDIFORD SEATTLE TACOMA INTL SEATTLE TACOMA INTL SAN FRANCISCO INTL SULLIVAN CO SULLIVAN CO SULLI SUN SUN SUN SUN SUN SUN SUN SUN | OXFORD | MS |
| KUOX | RNAV 27 | UNIVERSITY OXFORD | OXFORD | MS |
| KUWL | RNAV 09 | NEW CASTLE HENRY CO MUN | NEW CASTLE | IN |
| KUWL | RNAV 27 | NEW CASTLE HENRY CO MUN | NEW CASTLE | IN |
| KUZA | RNAV 02 | ROCK HILL YORK CO BRYANT | ROCK HILL | SC |
| KVQQ | RNAV 09R | CECIL | JACKSONVILLE | FL |
| KVQQ | RNAV 18L | CECIL | JACKSONVILLE | FL |
| 64.64 | RNAV 18R | CECIL | JACKSONVILLE | FL |
| KVQQ | | | | |
| KVQQ | RNAV 27L | CECIL | JACKSONVILLE | FL |
| KVQQ | RNAV 36L | CECIL | JACKSONVILLE | FL |
| KVQQ | RNAV 36R | CECIL | JACKSONVILLE | FL |
| KWDR | RNAV 31 | BARROW CO | WINDER | GA |
| KWLD | RNAV 17 | STROTHER | WINFIELD ARKANSAS CITY | KS |
| KWLD | RNAV 35 | STROTHER | WINFIELD ARKANSAS CITY | KS |
| KZEF | RNAV 07 | ELKIN MUN | ELKIN | NC |
| KZEF | RNAV 25 | ELKIN MUN | ELKIN | NC |
| KZPH | RNAV 25 RNAV 01 | ZEPHYRHILLS MUN | ZEPHYRHILLS | FL |
| | | | | |
| KZPH | RNAV 05 | ZEPHYRHILLS MUN | ZEPHYRHILLS | FL |
| KZPH | RNAV 19 | ZEPHYRHILLS MUN | ZEPHYRHILLS | FL |
| KZPH | RNAV 23 | ZEPHYRHILLS MUN | ZEPHYRHILLS | FL |
| L35 | RNAV 26 | BIG BEAR CITY | BIG BEAR | CA |
| LFEC | RNAV 05 | OUESSANT | OUESSANT | |
| LFEC | RNAV 23 | OUESSANT | OUESSANT | |
| LFGA | RNAV 01 | HOUSSEN | COLMAR | |
| | | | * ** ** * | |
| | | | | |

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| LFMH LFPT | RNAV 18 Z RNAV 05 Y | BOUTHEON CORMEILLES EN VEXIN | ST ETIENNE PONTOISE | |
|--------------|------------------------|---------------------------------|------------------------|----|
| LFPT | RNAV 05 Z | CORMEILLES EN VEXIN | PONTOISE | |
| LFPT | RNAV 23 | CORMEILLES EN VEXIN | PONTOISE | |
| LFQM | RNAV 23 Z | LA VEZE | BESANCON | |
| LOWG | RNAV 35C | GRAZ | GRAZ | |
| 002 | RNAV 26 Z | NERVINO | BECKWOURTH | CA |
| P20 | RNAV 01 | AVI SUQUILLA | PARKER | AZ |
| PAKW | RNAV 02 | KLAWOCK | KLAWOCK | AK |
| PAOM | RNAV 10 | NOME | NOME | AK |
| PAOM | RNAV 28 | NOME | NOME | AK |
| PAWS | RNAV 04 | WASILLA | WASILLA | AK |
| PAWS | RNAV 22 | WASILLA | WASILLA | AK |
| PFSH | RNAV 14 | SHAKTOOLIK | SHAKTOOLIK | AK |
| S24 | RNAV 24 | SANDUSKY CO REGL | FREMONT | OH |