



Due to system, software, or source data limitations, some data items are excluded from the final database for the following products covered under Garmin's Type 2 LOA. The following lists detail those data items excluded for the 1509 cycle. (Note: Details of those data [items excluded for cycle 1508](#) are also reprinted below following the cycle 1509 exclusions.)

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Approaches affected by CDI/HSI scaling issues

The following issue affects all SBAS (WAAS) enabled Garmin Integrated Flight Decks (**G1000/Embraer Prodigy/Cirrus Perspective/G950/G900X, G2/3/5000**), **GNS 400W/500W-series**, and SBAS (WAAS) enabled GNS 480/CNX80 units:

CDI (Course Deviation Indicator)/HSI (Horizontal Situation Indicator) scaling on a limited number of LNAV/VNAV, and LNAV+V approaches is incorrect. LPV approaches and LNAV approaches without advisory (+V) vertical guidance are not affected. Please see the corresponding Garmin Service Advisory (SA1047) for additional information: <http://garmin.blogs.com/aviationalerts/2013/11/service-advisory-1047-rev-a-lnavvnav-and-lnavv-full-scale-deflection.html>

The following approaches are available as LNAV only. The GNS 480/CNX80 database will be adjusted in a later cycle.

Airport ID	Approach ID	Region Name
BIEG	R22	Iceland
BIKR	R01	Iceland
CYXT	R33-Y	Canada
DNMM	R18R	Nigeria
EDDB	R07L	Germany
EDDB	R07R	Germany
EDDB	R25L	Germany
EDDB	R25R	Germany
EDDC	R04	Germany
EDDC	R22	Germany
EDDE	R10	Germany
EDDE	R28	Germany
EDDF	R07CZ	Germany
EDDF	R07RZ	Germany
EDDF	R25CZ	Germany
EDDF	R25LZ	Germany
EDDG	R07	Germany
EDDG	R25	Germany
EDDH	R05	Germany
EDDH	R15	Germany
EDDH	R23	Germany
EDDH	R33	Germany
EDDK	R06	Germany
EDDK	R14L	Germany
EDDK	R14R	Germany
EDDK	R24	Germany

EDDK	R32L	Germany
EDDK	R32R	Germany
EDDL	R05L	Germany
EDDL	R05R	Germany
EDDL	R23L	Germany
EDDL	R23R	Germany
EDDM	R08L	Germany
EDDM	R08R	Germany
EDDM	R26L	Germany
EDDM	R26R	Germany
EDDN	R10	Germany
EDDP	R08L	Germany
EDDP	R08R	Germany
EDDP	R26L	Germany
EDDP	R26R	Germany
EDDS	R25	Germany
EDDT	R08L	Germany
EDDT	R08R	Germany
EDDT	R26L	Germany
EDDT	R26R	Germany
EDDV	R09L	Germany
EDDV	R09R	Germany
EDDV	R27L	Germany
EDDV	R27R	Germany
EDDW	R09	Germany
EDDW	R27	Germany
EDNY	R06	Germany
EDNY	R24	Germany
EDQG	R08	Germany
EDQG	R26	Germany
EGAA	R07	United Kingdom
EGCC	R23L	United Kingdom
EGKK	R08L	United Kingdom
EGKK	R08R	United Kingdom
EGKK	R26L	United Kingdom
EGKK	R26R	United Kingdom
EGLL	R09LZ	United Kingdom
EGLL	R09RZ	United Kingdom
EGLL	R27LZ	United Kingdom
EGLL	R27RZ	United Kingdom

EIDW	R10	Ireland
EIDW	R34	Ireland
ENAL	R25	Norway
ENBR	R35	Norway
ENCN	R04	Norway
ENCN	R22	Norway
ENGM	R01L	Norway
ENGM	R01R	Norway
ENGM	R19L	Norway
ENGM	R19R	Norway
ENHD	R32	Norway
ENNM	R07	Norway
ENSN	R19	Norway
ENVA	R27	Norway
ENZV	R29	Norway
ESNQ	R03	Sweden
ESNZ	R30	Sweden
FMCH	R02	Madagascar
FMCZ	R16	Madagascar
FMCZ	R34	Madagascar
FMEE	R14	Madagascar
FMEE	R30	Madagascar
FMEP	R15	Madagascar
FMMI	R11	Madagascar
FMMI	R29	Madagascar
FMNM	R14	Madagascar
FMNM	R32	Madagascar
HKMO	R03	Kenya
HSOB	R19	Sudan
KRND	R14R	United States Of America
KRND	R32L	United States Of America
LBBG	R22	Bulgaria
LEAM	R25-Y	Spain
LEXJ	R29-Y	Spain
LFMN	R04LY	France
LFMN	R04RY	France
LFRB	R25L	France
LKPR	R06	Czech
LKPR	R12	Czech

LKPR	R24	Czech
LKPR	R30	Czech
LOWW	R11-Z	Austria
LOWW	R16-Z	Austria
LOWW	R29-Z	Austria
LOWW	R34	Austria
LSZH	R14	Switzerland
MTCH	R05-Z	Haiti
MTCH	R23	Haiti
MTPP	R10	Haiti
NSFA	R08	Am/w Samoa
NSFA	R26	Am/w Samoa
NTAA	R04	Frnch Poly
NZPM	R25	New Zealand
OOSA	R25	Oman
OTBD	R33	Qatar
OTHH	R16L	Qatar
OTHH	R16R	Qatar
OTHH	R34L	Qatar
OTHH	R34R	Qatar
OYSN	R18	Yemen Arab Rep
OYSN	R36	Yemen Arab Rep
PAUT	R27	Alaska
RJFF	R34	Japan
RJOI	R02	Japan
RPLP	R06	Philippines
RPLP	R24	Philippines
RPME	R12	Philippines
RPME	R30	Philippines
RPMZ	R09	Philippines
RPMZ	R27	Philippines
RPVI	R02	Philippines
RPVI	R20	Philippines
RPVP	R27	Philippines
SBCT	R29	Brazil
VOCI	R27	India
VRMM	R18	Maldives
VRMM	R36	Maldives

For Garmin Integrated Flight Decks, the following approaches do not contain the

LNAV/VNAV service level for SBAS operations.

Airport ID	Approach ID	Region Name
LFMH	R18-X	France

For GNS 480/CNX80 units, the following approaches have been removed.

Airport ID	Approach ID	Region Name
LFMH	R18-X	France

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Approaches removed due to CDI scaling issues

The following issue affects **G1000, Embraer Prodigy, Cirrus Perspective, G950 and G900X, G2/3/5000, GTN 6xx/7xx series product families and GNC 430W/530W** product families. This issue has been resolved in the GNS 400W/500W Series with a software upgrade, details provided in the following Service Document link: <http://garmin.blogs.com/aviationalerts/2014/02/gns-400w500w-series-software-upgrade-to-main-software-version-510.html>

The following approaches have been removed due to issues with CDI scaling. Please see the corresponding Garmin Service Advisory (SA1344) for additional information: <http://garmin.blogs.com/aviationalerts/2013/12/service-advisory-1344-rev-a-lpv-and-lnavvnav-approach-full-scale-deflection.html>

Airport ID	Approach ID
LFKC	R18-W
LFKC	R18-X
LSZG	R25

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RNAV (GPS) approaches with LP minima removed due to lack of descent angle

The following issue affects **G1000, Embraer Prodigy, Cirrus Perspective, G950 and G900X, G2/3/5000, GTN 6xx/7xx** series product families and **GNS 400W/500W** product families. This issue has been resolved in the GNS 400W/500W Series with a software upgrade, details provided in the following Service Document link:

<http://garmin.blogs.com/aviationalerts/2014/02/gns-400w500w-series-software-upgrade-to-main-software-version-510.html>

The following RNAV (GPS) approaches have been removed due to an issue with the lack of a descent angle on approaches that have an LP service level. For additional details, see Service Advisory 1372:

<http://garmin.blogs.com/aviationalerts/2013/12/service-advisory-1372-rev-a-unavailable-rnav-gps-approaches-due-to-lack-of-vda.html>

Airport ID	Approach ID
0I8	R11
0I8	R29
17M	R18
17M	R36
18I	R04
18I	R22
1M4	R36
1MO	R26
20N	R15
2W5	R02
35A	R05
35A	R23
3MY	R18
42A	R03
4D0	R09
4G5	R25
4J5	R10
4J5	R28
5G0	R28
5R1	R12
5R1	R30
7G8	R11
7G8	R29
82C	R14
82C	R32
8A3	R03

9G3	R07
9G3	R25
C75	R13
D95	R18
D95	R36
I68	R19
K15	R14
K15	R32
KACQ	R33
KADF	R22
KAHH	R18
KAKR	R25
KALX	R18
KAND	R35
KBDN	R16-Y
KBFR	R31
KBUU	R11
KBUU	R29
KCBE	R23
KCDI	R22
KCIR	R14
KCMD	R02
KCUL	R36
KDKK	R06
KDKK	R15
KDKK	R24
KDKK	R33
KDLL	R19
KDWU	R10
KDWU	R28
KEBA	R11
KEBA	R29
KEOP	R07
KFCM	R36
KGBR	R11
KGED	R04
KGEY	R07
KGTG	R30
KGUR	R32
KGZS	R16

KHEZ	R18
KHEZ	R31
KHEZ	R36
KHTL	R09
KHTL	R27
KIOB	R03
KJAU	R23
KJVW	R30
KLMS	R35
KLNA	R33
KLUX	R26
KLWA	R05
KLWA	R23
KMBO	R17
KMBO	R35
KMKN	R35
KMMK	R36
KMMS	R20
KMNF	R10
KMNF	R28
KMNM	R32
KMXA	R18
KOJA	R35
KOMN	R26
KOQW	R15
KPHD	R14
KPHL	R35
KROA	R24
KRYW	R15
KSEE	R17
KSFY	R13
KSGS	R34
KTEW	R10
KTEW	R28
KTOI	R14
KTOI	R32
KTVC	R18
KWAL	R10
KYIP	R05L

KZEF	R25
M08	R01
M08	R19
MO3	R19
PACE	R26
PACX	R01
PAHO	R04-Y
PAKW	R02
W96	R11
W96	R29
X50	R18
Y49	R15
Y49	R33

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LPV approaches that display and function as LNAV approaches (software correctable)

The following issue affects **G1000, Embraer Prodigy, Cirrus Perspective, G950 and G900X** product families with GDU software prior to v10.00 and **GNC 430W/530W** product families with software prior to v3.20:

LPV approaches at airports with a 3-character identifier (e.g., "1G3") will only display and function as LNAV approaches. Since software updates are available to address this issue, the list of affected airports is no longer specifically maintained. Please see the corresponding Garmin Service Advisory for additional information:

<http://garmin.blogs.com/aviationalerts/2013/11/service-advisory-0825-rev-a-lpv-and-lnavnav-approaches-with-three-character-airport-identifiers-.html>

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Items removed for containing points with non WGS-84 or NAD-83 datums

The following issue affects all Garmin aviation navigation databases:

Garmin is purposefully removing RNAV procedures which reference waypoints that do not have a WGS-84 or NAD-83 map datum associated with their position. Please see the corresponding GarminNavData Alert for additional information:

<http://garmin.blogs.com/aviationalerts/2013/06/rnav-procedures-with-non-wgs-84-datums.html>

The following approaches have been excluded due to this issue:

Airport ID	Approach ID	Region Name
FCOU	R01	Congo
FCOU	R19	Congo
FLKK	R10	Zambia
FLKK	R28	Zambia
FXMM	R04	Lesotho
FXMM	R22	Lesotho
SARE	D03-8	Argentina
SARE	D21-4	Argentina
SCEL	R35R	Chile/easter Island
SVAC	R29	Venezuela
SVSO	R30-Y	Venezuela
SVSO	R30-Z	Venezuela
TNCE	R06	Aruba/neth Antilles
TNCE	R24	Aruba/neth Antilles
UDYZ	R09	Armenia

WBAK	P055	Brunei/malaysia
WBAK	P235	Brunei/malaysia

The following SID/STARs have been excluded due to this issue:

Airport ID	SID/STAR ID	Region Name
DIAP	TAVA1D	Ivory Coast
DIAP	TAVA1R	Ivory Coast
FEFF	EBU2KB	Central African Republic
FEFF	EBUL2A	Central African Republic
FEFF	EBUL2K	Central African Republic
FEFF	RUV2KB	Central African Republic
FEFF	RUVN2A	Central African Republic
FEFF	RUVN2K	Central African Republic
FEFF	SOM2KB	Central African Republic
FEFF	SOMS2A	Central African Republic
FEFF	SOMS2K	Central African Republic
FEFF	VOM2KB	Central African Republic
FEFF	VOME2A	Central African Republic
FEFF	VOME2K	Central African Republic
FLHN	AMBI1A	Zambia
FLHN	APMA1A	Zambia
FLHN	APMA1B	Zambia
FLHN	APMI1A	Zambia
FLHN	APMI1B	Zambia
FLHN	AVOM1A	Zambia
FLHN	AVOM1B	Zambia
FLHN	AVOR1A	Zambia
FLHN	AVOR1B	Zambia
FLHN	EKBE1A	Zambia
FLHN	EXOB1A	Zambia
FLHN	EXOB1B	Zambia
FLHN	FA1A	Zambia
FLHN	FA1B	Zambia
FLKK	APDE1A	Zambia
FLKK	APDE1B	Zambia
FLKK	APNO1A	Zambia
FLKK	APNO1B	Zambia
FLKK	EGNI1A	Zambia
FLKK	EGNI1B	Zambia
FLKK	EKB1A	Zambia
FLKK	EKB1B	Zambia

FLKK	IBNO1A	Zambia
FLKK	IBNO1B	Zambia
FLKK	KARI1A	Zambia
FLKK	KARI1B	Zambia
FMNM	AGSE1D	Madagascar
FMNM	AGSE1K	Madagascar
FZQA	SOBT1A	Dem Congo
FZQA	SOBT1B	Dem Congo
LFTZ	ABDI1A	France
LFTZ	ABDI1V	France
LFTZ	ABLA1A	France
LFTZ	ABLA1V	France
LFTZ	BORD1V	France
LFTZ	KERI1V	France
LFTZ	LONS1V	France
LFTZ	PERU1V	France
LFTZ	SODR1V	France
LFTZ	VEVA1V	France
LFTZ	XATE1A	France
LFTZ	XATE1V	France
SBBH	VAL1	Brazil
SBIP	PERI1B	Brazil
SCEL	TILK1A	Chile/easter Island
SVSO	BISUS1	Venezuela
UDYZ	GOSI3A	Armenia
UDYZ	SEVA3A	Armenia
VDPP	BAVE1A	Kampuchea
VDPP	BAVET1	Kampuchea
VDPP	DALI1B	Kampuchea
VDPP	EATD1A	Kampuchea
VDPP	SEYH1B	Kampuchea
VDPP	SEYHA1	Kampuchea
VDSR	KULE1A	Kampuchea
VDSR	KULE1B	Kampuchea
VDSR	NOKO1A	Kampuchea
VDSR	NOKO1B	Kampuchea
VLPS	DOK1A	Laos
VLPS	DOK1B	Laos
VLPS	DOK1C	Laos
VMMC	BIGR1A	Macau

VMMC	BIGR7A	Macau
VMMC	BIGR7D	Macau
VOCI	TUMLA	India
VOTV	DINKA	India
VOTV	GAKOT	India
VOTV	HIBUS	India
VOTV	RAMPU	India
VOTV	SANOT	India
VTUU	CHET1A	Thailand
VTUU	CHET1B	Thailand
VTUU	PACE1A	Thailand
VTUU	PACE1B	Thailand
WBAK	ARR05	Brunei/malaysia
WBAK	ARR23	Brunei/malaysia
WBAK	DEP05	Brunei/malaysia
WBAK	DEP23	Brunei/malaysia
WIII	CA1B	Indonesia
WIII	CA1C	Indonesia
WIII	PW1A	Indonesia
WIII	PW1B	Indonesia
WIII	PW1C	Indonesia
WIII	PW1D	Indonesia
ZBTJ	KALB9A	China
ZBTJ	KALB9B	China
ZBTJ	LADI9B	China
ZBTJ	LADI9C	China
ZBTJ	LADI9D	China
ZBTJ	LADI9F	China
ZBTJ	VYK9B	China
ZBTJ	VYK9C	China
ZBTJ	VYK9D	China
ZBTJ	VYK9F	China
ZGKL	ONE05A	China
ZGKL	ONE06A	China
ZGKL	ONE07A	China
ZGKL	ONE08A	China
ZGKL	ONE08D	China
ZGKL	ONE09A	China
ZGKL	ONE09D	China

ZGKL	ONE17A	China
ZGKL	ONE18A	China
ZGKL	ONE18D	China
ZGKL	ONE19A	China
ZGKL	ONE19D	China
ZGSZ	LOV1W	China
ZGSZ	LOV1X	China
ZGSZ	LOV1Y	China
ZGSZ	LOV1Z	China
ZGSZ	MEP9W	China
ZGSZ	MEP9X	China
ZGSZ	MEP9Y	China
ZGSZ	MEP9Z	China
ZHCC	TMX1X	China
ZHCC	TMX1Y	China
ZHCC	TMX3X	China
ZHCC	TMX9X	China
ZHCC	TMX9Y	China
ZHCC	WXI1X	China
ZHCC	WXI1Y	China
ZHCC	WXI3X	China
ZJHK	BHY09A	China
ZJHK	BHY09D	China
ZJHK	BHY18A	China
ZJHK	BHY19A	China
ZJHK	BHY19D	China
ZJHK	BIG08A	China
ZJHK	BIG09A	China
ZJHK	BIG19A	China
ZJHK	SIK08A	China
ZJHK	SIK09A	China
ZJHK	SIK09D	China
ZJHK	SIK19A	China
ZJHK	SIK19D	China
ZJHK	WL07D	China
ZJHK	WL08A	China
ZJHK	WL08D	China
ZJHK	WL09A	China
ZJHK	WL09D	China

ZJHK	WL17A	China
ZJHK	WL18A	China
ZJHK	WL18D	China
ZJHK	WL19A	China
ZJHK	WL19D	China
ZLLL	IKI07A	China
ZLLL	IKI08A	China
ZLLL	IKI08D	China
ZLLL	IKI09A	China
ZLLL	IKI09D	China
ZLLL	IKI18A	China
ZLLL	IKI19A	China
ZLLL	IKI19D	China
ZLXY	HO2X	China
ZLXY	HO2Y	China
ZLXY	NSH7W	China
ZLXY	NSH8Z	China
ZLXY	NUGL9X	China
ZLXY	NUGL9Y	China
ZPPP	MEB1W	China
ZPPP	MEB1X	China
ZPPP	MEB1Y	China
ZPPP	MEB1Z	China
ZPPP	MEB2Y	China
ZPPP	MEB2Z	China
ZSFZ	BZ51J	China
ZSFZ	BZ52J	China
ZSFZ	BZ53J	China
ZSFZ	BZ54J	China
ZSFZ	BZ55J	China
ZSFZ	BZ56J	China
ZSFZ	BZ61K	China
ZSFZ	BZ62K	China
ZSFZ	BZ63K	China
ZSFZ	BZ64K	China
ZSFZ	BZ66K	China
ZSPD	AND11E	China
ZSPD	AND11F	China
ZSPD	AND11G	China
ZSPD	AND11H	China

ZSPD	AND11X	China
ZSPD	AND12I	China
ZSPD	AND12J	China
ZSPD	AND12K	China
ZSPD	AND12L	China
ZSPD	AND12X	China
ZSPD	AND21X	China
ZSPD	AND22I	China
ZSPD	AND22J	China
ZSPD	AND22K	China
ZSPD	AND22L	China
ZSPD	AND22X	China
ZSPD	AND26I	China
ZSPD	AND26J	China
ZSPD	AND26K	China
ZSPD	AND26L	China
ZSPD	BK11E	China
ZSPD	BK11F	China
ZSPD	BK11G	China
ZSPD	BK11H	China
ZSPD	BK12I	China
ZSPD	BK12J	China
ZSPD	BK12K	China
ZSPD	BK12L	China
ZSPD	BK22I	China
ZSPD	BK22J	China
ZSPD	BK22K	China
ZSPD	BK22L	China
ZSPD	BK24I	China
ZSPD	BK24J	China
ZSPD	BK24K	China
ZSPD	BK24L	China
ZSWZ	BZ51F	China
ZSWZ	BZ51X	China
ZSWZ	BZ52X	China
ZSWZ	BZ61F	China
ZSWZ	BZ61X	China
ZSWZ	BZ62F	China
ZSWZ	BZ63F	China

ZUCK	ALD8X	China
ZUCK	ALD9X	China
ZUCK	ALD9Y	China
ZUCK	RIX9X	China
ZUCK	RIX9Y	China
ZUGY	ESN08A	China
ZUGY	ESN09A	China
ZUGY	ESN09D	China
ZUGY	ESN18A	China
ZUGY	ESN19A	China
ZUGY	ESN19D	China
ZUGY	QNX09A	China
ZUGY	QNX18A	China
ZUGY	QNX19A	China

The following airways have been excluded due to this issue:

Route ID	Airway
G662	Africa
M740	Africa
UM214	Africa
UM215	Africa
UM216	Africa
UM731	Africa
UM998	Africa
UN183	Africa
UP126	Africa
UP32	Africa
UQ579	Africa
UQ580	Africa
UR780	Africa
UT136	Africa
UT143	Africa
UT252	Africa
UT253	Africa
UT281	Africa
UT325	Africa
UT358	Africa
UT384	Africa
UT395	Africa
UT419	Africa
UT428	Africa
B213	Eastern Europe
G212	Eastern Europe
L125	Eastern Europe
L642	Eastern Europe
M737	Eastern Europe
M771	Eastern Europe
N11	Eastern Europe
N37	Eastern Europe
N82	Eastern Europe
T915	Eastern Europe
L341	Latin America
T6	Latin America

UL341	Latin America
UM795	Latin America
UT6	Latin America
L626	Middle East
Q13	Middle East
M505	Pacific
M646	Pacific
M771	Pacific
T218	South America
T242	South America
T244	South America
T246	South America
T319	South America
T329	South America
T659	South America
UL216	South America
UL531	South America
UL793	South America
UL795	South America
UM414	South America
UM529	South America
UM662	South America
UM664	South America
UM668	South America
UM778	South America
UM784	South America
UM793	South America
UT218	South America
UT659	South America
P648	South Pacific

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SID Transitions

Due to software limitations a SID is limited to a maximum of 31 Transitions. Transitions past 31 will be removed from a SID. The following data items are excluded from the **CNX80/GNS480** database:

SID transitions

No data affected by this issue this cycle

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RNAV Airways

Due to software limitations, the following RNAV Airways are excluded from the **CNX80/GNS480** database:

RNAV Airways

Airway Identifier	Region Name
B534	Africa
L612	Europe
N552	Europe
N562	Europe
N57	Europe
N864	Europe
T256	Europe
UB534	Africa
UG10	Africa
UL194	Europe
UL612	Europe
UN537	Europe
UN552	Europe
UN562	Europe
UN57	Europe
UN864	Europe
UQ220	Europe
UQ220	South Pacific
UT256	Europe
UT300	Europe
UY420	Europe
UZ474	Europe
UZ707	Europe

SIDs with no associated runways

Due to software limitations, the following SIDs with no associated runways are excluded from the **CNX80/GNS480** database:

SIDs with no associated runways

SID Identifier	Airport Identifier	City	State
OXIRE1	60II	Terre Haute	IN
HIBEV1	7IN5	La Porte	IN
HIBAL1	81II	Indianapolis	IN
HIBIB1	8IN1	Lafayette	IN
HIBAT1	II56	Kokomo	IN
HEPDO1	IN35	Greensburg	IN
HIBUK1	IN84	Martinsville	IN

GNS 400/500 items

The following data items are excluded from the **GNS 400/500** (non-WAAS) database:

ILSs (Localizers):

Airport ID	ILS Identifier	Region Name
LOWI	OEJ	Austria

VORs:

VOR Identifier	Region Name
MFNN	Taiwan
MGHE	Italy

NDBs:

NDB Identifier	Region Name
PS10	Saudi Arabia

Approaches:

Approach Identifier	Airport ID	Region Name
LDMW	LOWI	Austria

Note: RNAV Approaches with waypoints containing non-WGS 84 datums are excluded - See list above.

SIDs:

Airport ID	SID/STAR ID	Region Name
LEBL	VERS1E	Spain
LEBL	VERS1G	Spain
LEBL	VERS1K	Spain
LEBL	VERS1L	Spain
LEBL	VERS1M	Spain
LEBL	VERS2B	Spain
LEBL	VERS2P	Spain
LEBL	VERS2R	Spain
LEBL	VERS3D	Spain
LEBL	VERS3Q	Spain
LEBL	VERS3W	Spain
LEBL	VLA1A	Spain
LEBL	VLA1B	Spain
LEBL	VLA1E	Spain
LEBL	VLA1G	Spain
LEBL	VLA2D	Spain
LEBL	VLA3W	Spain
LFPG	OPAL1E	France
LFPG	OPAL1G	France
LFPG	OPAL1H	France
LFPG	OPAL1K	France
LFPG	OPAL1L	France
LFPG	PILU1A	France
LFPG	PILU1B	France
LFPG	PILU1D	France
LFPG	PILU1E	France
LFPG	PILU1G	France
LFPG	PILU1H	France
LFPG	PILU1K	France
LFPG	PILU1L	France
LFPG	PILU1Z	France
LFPG	PO1B	France
LFPG	PO1E	France
LFPG	PO1H	France

LFPG	PO1L	France
LFPG	PTV1A	France
LFPG	PTV1B	France
LFPG	PTV1D	France
LFPG	PTV1E	France
LFPG	PTV1G	France
LFPG	PTV1H	France
LFPG	PTV1K	France
LFPG	PTV1L	France
LFPG	PTV1Z	France
LFPG	RANU1A	France
LFPG	RANU1B	France
LFPG	RANU1D	France
LFPG	RANU1E	France
LFPG	RANU1G	France
LFPG	RANU1H	France
LFPG	RANU1K	France
LFPG	RANU1L	France
LFPO	PILU5Z	France
LFPO	PTV5P	France
LFPO	PTV5Q	France
LFPO	PTV5S	France
LFPO	PTV5T	France
LFPO	PTV5V	France
LFPO	PTV5X	France
LFPO	PTV5Y	France
LFPO	PTV5Z	France
LFPO	RANU5P	France
LFPO	RANU5Q	France
LFPO	RANU5S	France
LFPO	RANU5T	France
LFPO	RANU5V	France
LFPO	RANU5X	France
LFPO	RANU5Y	France
LFPO	RANU5Z	France
LTBA	TUDB1R	Turkey
LTBA	TUDB1S	Turkey
LTBA	TUDB1T	Turkey
LTBA	TUDB1U	Turkey
LTBA	TUDB1V	Turkey

LTBA	TUDB1X	Turkey
LTBA	TUDB1Y	Turkey
LTBA	TUDB1Z	Turkey
LTBA	VADE1E	Turkey
LTBA	VADE1P	Turkey
LTBA	VADE1R	Turkey
LTBA	VADE1S	Turkey
LTBA	VADE1T	Turkey
LTBA	VADE1U	Turkey
LTBA	VADE1V	Turkey
LTBA	VADE1X	Turkey
LTBA	VADE1Y	Turkey
LTBA	VADE1Z	Turkey
LTBA	YAA1D	Turkey
LTBA	YAA1K	Turkey
LTBA	YAA1N	Turkey
LTBA	YAA2G	Turkey
LTBA	YAA2S	Turkey
ZSPD	SUR21D	China
ZSPD	SUR21X	China
ZSPD	SUR22D	China
ZSPD	SUR22X	China
ZSPD	SUR24D	China
ZSPD	SUR24X	China

Note: RNAV SIDs with waypoints containing non-WGS 84 datums are excluded - See list above.

STARs:

Note:RNAV STARs with waypoints containing non-WGS 84 datums are excluded - See list above.

SUAs:

SUA	Region Name
(D)-401	Russia
(D)-404	Russia
(G)-12	Netherlands
(G)-12A	Netherlands
BOVEN-LEEUVEN	Netherlands
BRASSCHAAT (W)-AREA	Belgium
CANADA ADIZ	Canada
CERFONTAINE AREA ONE	Belgium

CERFONTAINE AREA TWO	Belgium
CEROUX-MOUSSTY	Belgium
CHOOZ (P)-38	France
DE PEEL A (R)-1A	Netherlands
DE PEEL B (R)-1B	Netherlands
DIEST	Belgium
FEITSCH	Luxembourg
GLIDER AREA AMEIDE	Netherlands
GLIDER AREA AMERICA	Netherlands
GLIDER AREA DE PEEL	Netherlands
GLIDER AREA EINDHOVEN	Netherlands
GLIDER AREA GENDT	Netherlands
GLIDER AREA GILZE-RIJEN	Netherlands
GLIDER AREA GRIENDTSVEEN	Netherlands
GLIDER AREA LANGERAK	Netherlands
GLIDER AREA MALDEN	Netherlands
GLIDER AREA MOERGESTEL	Netherlands
GLIDER AREA NISTELRODE	Netherlands
GLIDER AREA NOORDELOOS	Netherlands
GLIDER AREA NUMANSDORP	Netherlands
GLIDER AREA SCHALKWIJK	Netherlands
GLIDER AREA SCHINVELD	Netherlands
GLIDER AREA SCHINVELD SECTOR B	Netherlands
GLIDER AREA SEPPE	Netherlands
GLIDER AREA STERKSEL	Netherlands
GLIDER AREA VOLKEL	Netherlands
GLIDER AREA WOENSDRECHT	Netherlands
HOEVENEN	Belgium
HOFFELT (K)-03	Luxembourg
LEOPOLDSBURG	Belgium
LITHOIJEN	Netherlands
MEEUWEN-GRUITRODE	Belgium
NAMUR AREA ONE	Belgium
NAMUR AREA TWO	Belgium
PJE AREA OUD GASTEL	Netherlands
PJE AREA REGTE HEIDE	Netherlands
PJE AREA RHOON	Netherlands
PJE AREA RIJSBERGEN	Netherlands
PJE AREA SCHIJF	Netherlands
PJE AREA SEPPE	Netherlands

PJE AREA SPA	Belgium
PJE AREA WIJK BIJ DUURSTEDDE	Netherlands
REEK (D)-62	Netherlands
REGTE HEIDE (R)-58	Netherlands
REYKJAVIK CTA	Iceland
REYKJAVIK CTA OCEANIC NORTH SE	Iceland
RHENEN/GREBBEBERG (R)-19	Netherlands
RIEL (D)-63	Netherlands
RUCPHENSE HEIDE (R)-57	Netherlands
SAINT-HUBERT	Belgium
SEPT MEUSES	Belgium
TRA KLEVE (R)-312	Germany
USELDANGE GLIDER SECTOR NORTH	Luxembourg
WAMEL	Netherlands
WEELDE	Belgium
WEILER (K)-04	Luxembourg
ZOERSEL	Belgium
ZUTENDAAL	Belgium

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Due to system, software, or source data limitations, some data items are excluded from the final database for the following products covered under Garmin's Type 2 LOA. The following lists detail those data items excluded for the 1508 cycle.

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Approaches affected by CDI/HSI scaling issues

The following issue affects all SBAS (WAAS) enabled Garmin Integrated Flight Decks (**G1000/Embraer Prodigy/Cirrus Perspective/G950/G900X, G2/3/5000**), **GNS 400W/500W-series**, and SBAS (WAAS) enabled GNS 480/CNX80 units:

CDI (Course Deviation Indicator)/HSI (Horizontal Situation Indicator) scaling on a limited number of LNAV/VNAV, and LNAV+V approaches is incorrect. LPV approaches and LNAV approaches without advisory (+V) vertical guidance are not affected. Please see the corresponding Garmin Service Advisory (SA1047) for additional information: <http://garmin.blogs.com/aviationalerts/2013/11/service-advisory-1047-rev-a-lnavvnav-and-lnavv-full-scale-deflection.html>

The following approaches are available as LNAV only. The GNS 480/CNX80 database will be adjusted in a later cycle.

Airport ID	Approach ID	Region Name
BIEG	R22	Iceland
BIKR	R01	Iceland
CYXT	R33-Y	Canada
DNMM	R18R	Nigeria
EDDB	R07L	Germany
EDDB	R07R	Germany
EDDB	R25L	Germany
EDDB	R25R	Germany
EDDC	R04	Germany
EDDC	R22	Germany
EDDE	R10	Germany
EDDE	R28	Germany
EDDF	R07CZ	Germany
EDDF	R07RZ	Germany
EDDF	R25CZ	Germany
EDDF	R25LZ	Germany
EDDG	R07	Germany
EDDG	R25	Germany
EDDH	R05	Germany
EDDH	R15	Germany
EDDH	R23	Germany
EDDH	R33	Germany
EDDK	R06	Germany
EDDK	R14L	Germany
EDDK	R14R	Germany
EDDK	R24	Germany

EDDK	R32L	Germany
EDDK	R32R	Germany
EDDL	R05L	Germany
EDDL	R05R	Germany
EDDL	R23L	Germany
EDDL	R23R	Germany
EDDM	R08L	Germany
EDDM	R08R	Germany
EDDM	R26L	Germany
EDDM	R26R	Germany
EDDN	R10	Germany
EDDP	R08L	Germany
EDDP	R08R	Germany
EDDP	R26L	Germany
EDDP	R26R	Germany
EDDS	R25	Germany
EDDT	R08L	Germany
EDDT	R08R	Germany
EDDT	R26L	Germany
EDDT	R26R	Germany
EDDV	R09L	Germany
EDDV	R09R	Germany
EDDV	R27L	Germany
EDDV	R27R	Germany
EDDW	R09	Germany
EDDW	R27	Germany
EDNY	R06	Germany
EDNY	R24	Germany
EDQG	R08	Germany
EDQG	R26	Germany
EGAA	R07	United Kingdom
EGCC	R23L	United Kingdom
EGKK	R08L	United Kingdom
EGKK	R08R	United Kingdom
EGKK	R26L	United Kingdom
EGKK	R26R	United Kingdom
EGLL	R09L	United Kingdom
EGLL	R09R	United Kingdom
EGLL	R27L	United Kingdom
EGLL	R27R	United Kingdom

EIDW	R10	Ireland
EIDW	R34	Ireland
ENAL	R25	Norway
ENBR	R35	Norway
ENCN	R04	Norway
ENCN	R22	Norway
ENGM	R01LZ	Norway
ENGM	R01R	Norway
ENGM	R19L	Norway
ENGM	R19RX	Norway
ENHD	R32	Norway
ENNM	R07	Norway
ENSN	R19	Norway
ENVA	R27	Norway
ENZV	R29	Norway
ESNQ	R03	Sweden
ESNZ	R30	Sweden
FMCH	R02	Madagascar
FMMI	R11	Madagascar
FMMI	R29	Madagascar
FMNM	R14	Madagascar
FMNM	R32	Madagascar
HKMO	R03	Kenya
HSOB	R19	Sudan
KRND	R14R	United States Of America
KRND	R32L	United States Of America
LBBG	R22	Bulgaria
LEAM	R25-Y	Spain
LEXJ	R29-Y	Spain
LFMN	R04LY	France
LFMN	R04RY	France
LFRB	R25L	France
LKPR	R06	Czech
LKPR	R12	Czech
LKPR	R24	Czech
LKPR	R30	Czech
LOWW	R11-Z	Austria
LOWW	R16-Z	Austria
LOWW	R29-Z	Austria

LOWW	R34	Austria
LSZH	R14	Switzerland
MTCH	R05-Z	Haiti
MTCH	R23	Haiti
MTPP	R10	Haiti
NSFA	R08	Am/w Samoa
NSFA	R26	Am/w Samoa
NTAA	R04	Frnch Poly
NZPM	R25	New Zealand
OOSA	R25	Oman
OTBD	R33	Qatar
OTHH	R16L	Qatar
OTHH	R16R	Qatar
OTHH	R34L	Qatar
OTHH	R34R	Qatar
OYSN	R18	Yemen Arab Rep
OYSN	R36	Yemen Arab Rep
PAUT	R27	Alaska
RJFF	R34	Japan
RJOI	R02	Japan
RPLP	R06	Philippines
RPLP	R24	Philippines
RPME	R12	Philippines
RPME	R30	Philippines
RPMZ	R09	Philippines
RPMZ	R27	Philippines
RPVI	R02	Philippines
RPVI	R20	Philippines
RPVP	R27	Philippines
SBCT	R29	Brazil
VOCI	R27	India
VRMM	R18	Maldives
VRMM	R36	Maldives

For Garmin Integrated Flight Decks, the following approaches do not contain the LNAV/VNAV service level for SBAS operations.

Airport ID	Approach ID	Region Name
LFMH	R18-X	France

For GNS 480/CNX80 units, the following approaches have been removed.

Airport ID	Approach ID	Region Name
LFMH	R18-X	France

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Approaches removed due to CDI scaling issues

The following issue affects **G1000, Embraer Prodigy, Cirrus Perspective, G950 and G900X, G2/3/5000, GTN 6xx/7xx series product families and GNC 430W/530W** product families. This issue has been resolved in the GNS 400W/500W Series with a software upgrade, details provided in the following Service Document link: <http://garmin.blogs.com/aviationalerts/2014/02/gns-400w500w-series-software-upgrade-to-main-software-version-510.html>

The following approaches have been removed due to issues with CDI scaling. Please see the corresponding Garmin Service Advisory (SA1344) for additional information: <http://garmin.blogs.com/aviationalerts/2013/12/service-advisory-1344-rev-a-lpv-and-lnavvnav-approach-full-scale-deflection.html>

Airport ID	Approach ID
LFKC	R18-W
LFKC	R18-X
LSZG	R25

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RNAV (GPS) approaches with LP minima removed due to lack of descent angle

The following issue affects **G1000, Embraer Prodigy, Cirrus Perspective, G950 and G900X, G2/3/5000, GTN 6xx/7xx** series product families and **GNS 400W/500W** product families. This issue has been resolved in the GNS 400W/500W Series with a software upgrade, details provided in the following Service Document link:

<http://garmin.blogs.com/aviationalerts/2014/02/gns-400w500w-series-software-upgrade-to-main-software-version-510.html>

The following RNAV (GPS) approaches have been removed due to an issue with the lack of a descent angle on approaches that have an LP service level. For additional details, see Service Advisory 1372:

<http://garmin.blogs.com/aviationalerts/2013/12/service-advisory-1372-rev-a-unavailable-rnav-gps-approaches-due-to-lack-of-vda.html>

Airport ID	Approach ID
0I8	R11
0I8	R29
17M	R18
17M	R36
18I	R04
18I	R22
1M4	R36
1MO	R26
20N	R15
2W5	R02
35A	R05
35A	R23
3MY	R18
42A	R03
4D0	R09
4G5	R25
4J5	R10
4J5	R28
5G0	R28
5R1	R12
5R1	R30
7G8	R11
7G8	R29
82C	R14
82C	R32
8A3	R03

9G3	R07
9G3	R25
C75	R13
D95	R18
D95	R36
I68	R19
K15	R14
K15	R32
KACQ	R33
KADF	R22
KAHH	R18
KAKR	R25
KALX	R18
KAND	R35
KBDN	R16-Y
KBFR	R31
KBUU	R11
KBUU	R29
KCBE	R23
KCDI	R22
KCIR	R14
KCMD	R02
KCUL	R36
KDKK	R06
KDKK	R15
KDKK	R24
KDKK	R33
KDLL	R19
KEBA	R11
KEBA	R29
KEOP	R07
KFCM	R36
KGED	R04
KGEY	R07
KGTG	R30
KGUR	R32
KGZS	R16
KHEZ	R18
KHEZ	R31
KHEZ	R36

KHTL	R09
KHTL	R27
KIOB	R03
KJAU	R23
KJVW	R30
KLMS	R35
KLNA	R33
KLUX	R26
KLWA	R05
KLWA	R23
KMKN	R35
KMMK	R36
KMMS	R20
KMNF	R10
KMNF	R28
KMNM	R32
KMXA	R18
KOJA	R35
KOMN	R26
KOQW	R15
KPHD	R14
KPHL	R35
KRYW	R15
KSEE	R17
KSFY	R13
KSGS	R34
KTEW	R10
KTEW	R28
KTOI	R14
KTOI	R32
KTVC	R18
KWAL	R10
KYIP	R05L
KZEF	R25
M08	R01
M08	R19
MO3	R19
PACE	R26
PACX	R01

PAHO	R04-Y
PAKW	R02
W96	R11
W96	R29
X50	R18
Y49	R15
Y49	R33

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LPV approaches that display and function as LNAV approaches (software correctable)

The following issue affects **G1000, Embraer Prodigy, Cirrus Perspective, G950 and G900X** product families with GDU software prior to v10.00 and **GNC 430W/530W** product families with software prior to v3.20:

LPV approaches at airports with a 3-character identifier (e.g., "1G3") will only display and function as LNAV approaches. Since software updates are available to address this issue, the list of affected airports is no longer specifically maintained. Please see the corresponding Garmin Service Advisory for additional information:

<http://garmin.blogs.com/aviationalerts/2013/11/service-advisory-0825-rev-a-lpv-and-navnav-approaches-with-three-character-airport-identifiers-.html>

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Items removed for containing points with non WGS-84 or NAD-83 datums

The following issue affects all Garmin aviation navigation databases:

Garmin is purposefully removing RNAV procedures which reference waypoints that do not have a WGS-84 or NAD-83 map datum associated with their position. Please see the corresponding GarminNavData Alert for additional information:

<http://garmin.blogs.com/aviationalerts/2013/06/rnav-procedures-with-non-wgs-84-datums.html>

The following approaches have been excluded due to this issue:

Airport ID	Approach ID	Region Name
FLKK	R10	Zambia
FLKK	R28	Zambia
FXMM	R04	Lesotho
FXMM	R22	Lesotho
SARE	D03-8	Argentina
SARE	D21-4	Argentina
SCEL	R35R	Chile/easter Island
SVAC	R29	Venezuela
SVSO	R30-Y	Venezuela
SVSO	R30-Z	Venezuela
TNCE	R06	Aruba/neth Antilles
TNCE	R24	Aruba/neth Antilles
UDYZ	R09	Armenia
WBAK	P055	Brunei/malaysia
WBAK	P235	Brunei/malaysia

The following SID/STARs have been excluded due to this issue:

Airport ID	SID/STAR ID	Region Name
DIAP	TAVA1D	Ivory Coast
DIAP	TAVA1R	Ivory Coast
FEFF	EBU2KB	Central African Republic
FEFF	EBUL2A	Central African Republic
FEFF	EBUL2K	Central African Republic
FEFF	RUV2KB	Central African Republic
FEFF	RUVN2A	Central African Republic
FEFF	RUVN2K	Central African Republic
FEFF	SOM2KB	Central African Republic
FEFF	SOMS2A	Central African Republic
FEFF	SOMS2K	Central African Republic
FEFF	VOM2KB	Central African Republic
FEFF	VOME2A	Central African Republic
FEFF	VOME2K	Central African Republic
FLHN	AMBI1A	Zambia
FLHN	APMA1A	Zambia
FLHN	APMA1B	Zambia
FLHN	APMI1A	Zambia
FLHN	APMI1B	Zambia
FLHN	AVOM1A	Zambia
FLHN	AVOM1B	Zambia
FLHN	AVOR1A	Zambia
FLHN	AVOR1B	Zambia
FLHN	EKBE1A	Zambia
FLHN	EXOB1A	Zambia
FLHN	EXOB1B	Zambia
FLHN	FA1A	Zambia
FLHN	FA1B	Zambia
FLKK	APDE1A	Zambia
FLKK	APDE1B	Zambia
FLKK	APNO1A	Zambia
FLKK	APNO1B	Zambia
FLKK	EGNI1A	Zambia
FLKK	EGNI1B	Zambia
FLKK	EKB1A	Zambia
FLKK	EKB1B	Zambia

FLKK	IBNO1A	Zambia
FLKK	IBNO1B	Zambia
FLKK	KARI1A	Zambia
FLKK	KARI1B	Zambia
FMNM	AGSE1D	Madagascar
FMNM	AGSE1K	Madagascar
FZQA	SOBT1A	Dem Congo
FZQA	SOBT1B	Dem Congo
LFTZ	ABDI1A	France
LFTZ	ABDI1V	France
LFTZ	ABLA1A	France
LFTZ	ABLA1V	France
LFTZ	BORD1V	France
LFTZ	KERI1V	France
LFTZ	LONS1V	France
LFTZ	PERU1V	France
LFTZ	SODR1V	France
LFTZ	VEVA1V	France
LFTZ	XATE1A	France
LFTZ	XATE1V	France
SBBH	VAL1	Brazil
SBIP	PERI1B	Brazil
SCEL	TILK1A	Chile/easter Island
SVSO	BISUS1	Venezuela
UDYZ	GOSI3A	Armenia
UDYZ	SEVA3A	Armenia
VDPP	BAVE1A	Kampuchea
VDPP	BAVET1	Kampuchea
VDPP	DALI1B	Kampuchea
VDPP	EATD1A	Kampuchea
VDPP	SEYH1B	Kampuchea
VDPP	SEYHA1	Kampuchea
VDSR	KULE1A	Kampuchea
VDSR	KULE1B	Kampuchea
VDSR	NOKO1A	Kampuchea
VDSR	NOKO1B	Kampuchea
VLPS	DOK1A	Laos
VLPS	DOK1B	Laos
VLPS	DOK1C	Laos
VMMC	BIGR1A	Macau

VMMC	BIGR7A	Macau
VMMC	BIGR7D	Macau
VOCI	TUMLA	India
VOTV	DINKA	India
VOTV	GAKOT	India
VOTV	HIBUS	India
VOTV	RAMPU	India
VOTV	SANOT	India
VTUU	CHET1A	Thailand
VTUU	CHET1B	Thailand
VTUU	PACE1A	Thailand
VTUU	PACE1B	Thailand
WBAK	ARR05	Brunei/malaysia
WBAK	ARR23	Brunei/malaysia
WBAK	DEP05	Brunei/malaysia
WBAK	DEP23	Brunei/malaysia
WIII	CA1B	Indonesia
WIII	CA1C	Indonesia
WIII	PW1A	Indonesia
WIII	PW1B	Indonesia
WIII	PW1C	Indonesia
WIII	PW1D	Indonesia
ZBTJ	KALB9A	China
ZBTJ	KALB9B	China
ZBTJ	LADI9B	China
ZBTJ	LADI9C	China
ZBTJ	LADI9D	China
ZBTJ	LADI9F	China
ZBTJ	VYK9B	China
ZBTJ	VYK9C	China
ZBTJ	VYK9D	China
ZBTJ	VYK9F	China
ZGKL	ONE05A	China
ZGKL	ONE06A	China
ZGKL	ONE07A	China
ZGKL	ONE08A	China
ZGKL	ONE08D	China
ZGKL	ONE09A	China
ZGKL	ONE09D	China

ZGKL	ONE17A	China
ZGKL	ONE18A	China
ZGKL	ONE18D	China
ZGKL	ONE19A	China
ZGKL	ONE19D	China
ZGSZ	LOV1W	China
ZGSZ	LOV1X	China
ZGSZ	LOV1Y	China
ZGSZ	LOV1Z	China
ZGSZ	MEP9W	China
ZGSZ	MEP9X	China
ZGSZ	MEP9Y	China
ZGSZ	MEP9Z	China
ZHCC	TMX1X	China
ZHCC	TMX1Y	China
ZHCC	TMX3X	China
ZHCC	TMX9X	China
ZHCC	TMX9Y	China
ZHCC	WX11X	China
ZHCC	WX11Y	China
ZHCC	WX13X	China
ZJHK	BHY09A	China
ZJHK	BHY09D	China
ZJHK	BHY18A	China
ZJHK	BHY19A	China
ZJHK	BHY19D	China
ZJHK	BIG08A	China
ZJHK	BIG09A	China
ZJHK	BIG19A	China
ZJHK	SIK08A	China
ZJHK	SIK09A	China
ZJHK	SIK09D	China
ZJHK	SIK19A	China
ZJHK	SIK19D	China
ZJHK	WL07D	China
ZJHK	WL08A	China
ZJHK	WL08D	China
ZJHK	WL09A	China
ZJHK	WL09D	China

ZJHK	WL17A	China
ZJHK	WL18A	China
ZJHK	WL18D	China
ZJHK	WL19A	China
ZJHK	WL19D	China
ZLLL	IKI07A	China
ZLLL	IKI08A	China
ZLLL	IKI08D	China
ZLLL	IKI09A	China
ZLLL	IKI09D	China
ZLLL	IKI18A	China
ZLLL	IKI19A	China
ZLLL	IKI19D	China
ZLXY	HO2X	China
ZLXY	HO2Y	China
ZLXY	NSH7W	China
ZLXY	NSH8Z	China
ZLXY	NUGL9X	China
ZLXY	NUGL9Y	China
ZPPP	MEB1W	China
ZPPP	MEB1X	China
ZPPP	MEB1Y	China
ZPPP	MEB1Z	China
ZPPP	MEB2Y	China
ZPPP	MEB2Z	China
ZSFZ	BZ51J	China
ZSFZ	BZ52J	China
ZSFZ	BZ53J	China
ZSFZ	BZ54J	China
ZSFZ	BZ55J	China
ZSFZ	BZ56J	China
ZSFZ	BZ61K	China
ZSFZ	BZ62K	China
ZSFZ	BZ63K	China
ZSFZ	BZ64K	China
ZSFZ	BZ66K	China
ZSPD	AND11E	China
ZSPD	AND11F	China
ZSPD	AND11G	China
ZSPD	AND11H	China

ZSPD	AND11X	China
ZSPD	AND12I	China
ZSPD	AND12J	China
ZSPD	AND12K	China
ZSPD	AND12L	China
ZSPD	AND12X	China
ZSPD	AND21X	China
ZSPD	AND22I	China
ZSPD	AND22J	China
ZSPD	AND22K	China
ZSPD	AND22L	China
ZSPD	AND22X	China
ZSPD	AND26I	China
ZSPD	AND26J	China
ZSPD	AND26K	China
ZSPD	AND26L	China
ZSPD	BK11E	China
ZSPD	BK11F	China
ZSPD	BK11G	China
ZSPD	BK11H	China
ZSPD	BK12I	China
ZSPD	BK12J	China
ZSPD	BK12K	China
ZSPD	BK12L	China
ZSPD	BK22I	China
ZSPD	BK22J	China
ZSPD	BK22K	China
ZSPD	BK22L	China
ZSPD	BK24I	China
ZSPD	BK24J	China
ZSPD	BK24K	China
ZSPD	BK24L	China
ZSWZ	BZ51F	China
ZSWZ	BZ51X	China
ZSWZ	BZ52X	China
ZSWZ	BZ61F	China
ZSWZ	BZ61X	China
ZSWZ	BZ62F	China
ZSWZ	BZ63F	China

ZUCK	ALD8X	China
ZUCK	ALD9X	China
ZUCK	ALD9Y	China
ZUCK	RIX9X	China
ZUCK	RIX9Y	China
ZUGY	ESN08A	China
ZUGY	ESN09A	China
ZUGY	ESN09D	China
ZUGY	ESN18A	China
ZUGY	ESN19A	China
ZUGY	ESN19D	China
ZUGY	QNX09A	China
ZUGY	QNX18A	China
ZUGY	QNX19A	China

The following airways have been excluded due to this issue:

Route ID	Airway
G662	Africa
M740	Africa
UM214	Africa
UM215	Africa
UM216	Africa
UM652	Africa
UM731	Africa
UM998	Africa
UN183	Africa
UP126	Africa
UP32	Africa
UQ579	Africa
UQ580	Africa
UR780	Africa
UT136	Africa
UT143	Africa
UT252	Africa
UT253	Africa
UT281	Africa
UT325	Africa
UT356	Africa
UT358	Africa
UT384	Africa
UT395	Africa
UT419	Africa
UT428	Africa
UV790	Africa
B213	Eastern Europe
G212	Eastern Europe
L125	Eastern Europe
L642	Eastern Europe
M737	Eastern Europe
M771	Eastern Europe
N37	Eastern Europe
N82	Eastern Europe
T915	Eastern Europe

L341	Latin America
T6	Latin America
UL341	Latin America
UM795	Latin America
UT6	Latin America
L626	Middle East
P628	Middle East
Q13	Middle East
M505	Pacific
M646	Pacific
M771	Pacific
T218	South America
T242	South America
T244	South America
T246	South America
T319	South America
T329	South America
T659	South America
UL216	South America
UL531	South America
UL793	South America
UL795	South America
UM414	South America
UM529	South America
UM662	South America
UM664	South America
UM668	South America
UM778	South America
UM784	South America
UM793	South America
UT218	South America
UT659	South America
P648	South Pacific

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SID Transitions

Due to software limitations a SID is limited to a maximum of 31 Transitions. Transitions past 31 will be removed from a SID. The following data items are excluded from the **CNX80/GNS480** database:

SID transitions

No data affected by this issue this cycle

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RNAV Airways

Due to software limitations, the following RNAV Airways are excluded from the **CNX80/GNS480** database:

RNAV Airways

Airway Identifier	Region Name
L612	Europe
N552	Europe
N562	Europe
N57	Europe
N864	Europe
T256	Europe
UL612	Europe
UN537	Europe
UN552	Europe
UN562	Europe
UN57	Europe
UN864	Europe
UT256	Europe

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SIDs with no associated runways

Due to software limitations, the following SIDs with no associated runways are excluded from the **CNX80/GNS480** database:

SIDs with no associated runways

SID Identifier	Airport Identifier	City	State
OXIRE1	60II	Terre Haute	IN

HIBEV1	7IN5	La Porte	IN
HIBAL1	81II	Indianapolis	IN
HIBIB1	8IN1	Lafayette	IN
HIBAT1	II56	Kokomo	IN
HEPDO1	IN35	Greensburg	IN
HIBUK1	IN84	Martinsville	IN

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GNS 400/500 items

The following data items are excluded from the **GNS 400/500** (non-WAAS) database:

ILSs (Localizers):

Airport ID	ILS Identifier	Region Name
LOWI	OEJ	Austria

VORs:

VOR Identifier	Region Name
MFNN	Taiwan
MGHE	Italy

NDBs:

NDB Identifier	Region Name
PS10	Saudi Arabia

Approaches:

Approach Identifier	Airport ID	Region Name
LDMW	LOWI	Austria

Note: RNAV Approaches with waypoints containing non-WGS 84 datums are excluded - See list above.

SIDs:

Airport ID	SID/STAR ID	Region Name
LEBL	VERS1E	Spain
LEBL	VERS1G	Spain
LEBL	VERS1K	Spain
LEBL	VERS1L	Spain

LEBL	VERS1M	Spain
LEBL	VERS2B	Spain
LEBL	VERS2P	Spain
LEBL	VERS2R	Spain
LEBL	VERS3D	Spain
LEBL	VERS3Q	Spain
LEBL	VERS3W	Spain
LEBL	VLA1A	Spain
LEBL	VLA1B	Spain
LEBL	VLA1E	Spain
LEBL	VLA1G	Spain
LEBL	VLA2D	Spain
LEBL	VLA3W	Spain
LFPG	OPAL9E	France
LFPG	OPAL9G	France
LFPG	OPAL9H	France
LFPG	OPAL9K	France
LFPG	OPAL9L	France
LFPG	PILU9A	France
LFPG	PILU9B	France
LFPG	PILU9D	France
LFPG	PILU9E	France
LFPG	PILU9G	France
LFPG	PILU9H	France
LFPG	PILU9K	France
LFPG	PILU9L	France
LFPG	PILU9Z	France
LFPG	PO9B	France
LFPG	PO9E	France
LFPG	PO9H	France
LFPG	PO9L	France
LFPG	PTV9A	France
LFPG	PTV9B	France
LFPG	PTV9D	France
LFPG	PTV9E	France
LFPG	PTV9G	France
LFPG	PTV9H	France
LFPG	PTV9K	France
LFPG	PTV9L	France
LFPG	PTV9Z	France

LFPG	RANU9A	France
LFPG	RANU9B	France
LFPG	RANU9D	France
LFPG	RANU9E	France
LFPG	RANU9G	France
LFPG	RANU9H	France
LFPG	RANU9K	France
LFPG	RANU9L	France
LFPO	PILU5Z	France
LFPO	PTV5P	France
LFPO	PTV5Q	France
LFPO	PTV5S	France
LFPO	PTV5T	France
LFPO	PTV5V	France
LFPO	PTV5X	France
LFPO	PTV5Y	France
LFPO	PTV5Z	France
LFPO	RANU5P	France
LFPO	RANU5Q	France
LFPO	RANU5S	France
LFPO	RANU5T	France
LFPO	RANU5V	France
LFPO	RANU5X	France
LFPO	RANU5Y	France
LFPO	RANU5Z	France
LTBA	TUDB1R	Turkey
LTBA	TUDB1S	Turkey
LTBA	TUDB1T	Turkey
LTBA	TUDB1U	Turkey
LTBA	TUDB1V	Turkey
LTBA	TUDB1X	Turkey
LTBA	TUDB1Y	Turkey
LTBA	TUDB1Z	Turkey
LTBA	VADE1E	Turkey
LTBA	VADE1P	Turkey
LTBA	VADE1R	Turkey
LTBA	VADE1S	Turkey
LTBA	VADE1T	Turkey
LTBA	VADE1U	Turkey

LTBA	VADE1V	Turkey
LTBA	VADE1X	Turkey
LTBA	VADE1Y	Turkey
LTBA	VADE1Z	Turkey
LTBA	YAA1D	Turkey
LTBA	YAA1K	Turkey
LTBA	YAA1N	Turkey
LTBA	YAA2G	Turkey
LTBA	YAA2S	Turkey
ZSPD	SUR21D	China
ZSPD	SUR21X	China
ZSPD	SUR22D	China
ZSPD	SUR22X	China
ZSPD	SUR24D	China
ZSPD	SUR24X	China

Note: RNAV SIDs with waypoints containing non-WGS 84 datums are excluded - See list above.

STARs:

Note:RNAV STARs with waypoints containing non-WGS 84 datums are excluded - See list above.

SUAs:

SUA	Region Name
(D)-401	Russia
(D)-404	Russia
(G)-12	Netherlands
(G)-12A	Netherlands
BOVEN-LEEUVEN	Netherlands
CANADA ADIZ	Canada
CERFONTAINE AREA ONE	Belgium
CERFONTAINE AREA TWO	Belgium
CEROUX-MOUSSTY	Belgium
CHOOZ (P)-38	France
DE PEEL A (R)-1A	Netherlands
DE PEEL B (R)-1B	Netherlands
DIEST	Belgium
FEITSCH	Luxembourg
GLIDER AREA AMEIDE	Netherlands
GLIDER AREA AMERICA	Netherlands
GLIDER AREA DE PEEL	Netherlands

GLIDER AREA EINDHOVEN	Netherlands
GLIDER AREA GENDT	Netherlands
GLIDER AREA GILZE-RIJEN	Netherlands
GLIDER AREA GRIENDTSVEEN	Netherlands
GLIDER AREA LANGERAK	Netherlands
GLIDER AREA MALDEN	Netherlands
GLIDER AREA MOERGESTEL	Netherlands
GLIDER AREA NISTELRODE	Netherlands
GLIDER AREA NOORDELOOS	Netherlands
GLIDER AREA NUMANSDORP	Netherlands
GLIDER AREA SCHALKWIJK	Netherlands
GLIDER AREA SCHINVELD	Netherlands
GLIDER AREA SCHINVELD SECTOR B	Netherlands
GLIDER AREA SEPPE	Netherlands
GLIDER AREA STERKSEL	Netherlands
GLIDER AREA VOLKEL	Netherlands
GLIDER AREA WOENSDRECHT	Netherlands
HOEVENEN	Belgium
HOFFELT (K)-03	Luxembourg
LEOPOLDSBURG	Belgium
LITHOIJEN	Netherlands
MEEUWEN-GRUITRODE	Belgium
NAMUR AREA ONE	Belgium
NAMUR AREA TWO	Belgium
PJE AREA OUD GASTEL	Netherlands
PJE AREA REGTE HEIDE	Netherlands
PJE AREA RHOON	Netherlands
PJE AREA RIJSBERGEN	Netherlands
PJE AREA SCHIJF	Netherlands
PJE AREA SEPPE	Netherlands
PJE AREA SPA	Belgium
PJE AREA WIJK BIJ DUURSTEDEN	Netherlands
REEK (D)-62	Netherlands
REGTE HEIDE (R)-58	Netherlands
REYKJAVIK CTA	Iceland
REYKJAVIK CTA OCEANIC NORTH SE	Iceland
RHENEN/GREBBEBERG (R)-19	Netherlands
RIEL (D)-63	Netherlands
RUCPHENSE HEIDE (R)-57	Netherlands
SAINT-HUBERT	Belgium

SEPT MEUSES	Belgium
TRA KLEVE (R)-312	Germany
USELDANGE GLIDER SECTOR NORTH	Luxembourg
WAMEL	Netherlands
WEELDE	Belgium
WEILER (K)-04	Luxembourg
ZOERSEL	Belgium
ZUTENDAAL	Belgium

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