

# RTCA/DO-200A List of Applicable Avionics Systems

February 17, 2020

## Introduction

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Garmin International holds FAA Type 2 Letters of Acceptance (LOAs) in accordance with AC 20-153 A/B and RTCA/DO-200A for database integrity, quality, and database management processes for many of its aeronautical databases. Flight crews, operators, and installers can view the LOA status at [flyGarmin.com](http://flyGarmin.com), then select “Type 2 LOA Status”. Periodic updates to these databases may be required to ensure operational integrity (such as IFR operation); see appropriate pilot’s guide for details.

The pilot’s guide will also have additional information regarding how to update aeronautical databases, restrictions/limitations concerning operating with expired databases, how to view items excluded from a database, and other related information.

Other Garmin documents may use the phrase “aviation databases” whereas this document uses the phrase “aeronautical databases”. Garmin considers the two terms equivalent.

This document provides a list of Garmin avionics systems and their association with Type 2 LOA approved database part numbers. \*See the Appendix of this document for an expanded list of Appliance Project Identifiers/Models that apply to a particular Product Family.

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## Navigation Databases

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The following table identifies Garmin avionics systems that utilize Navigation databases specified on Garmin's Type 2 LOA.

Product Family	Applicable Part Numbers							
	006-D0170-()	006-D2049-()	006-D5159-()	006-D5307-()	006-D0018-()	006-D0554-()	006-D2050-()	138-0329-()
G1000/G1000H	X	H only	X	H only				
G1000 NXi			X					
G2/3/5000/5000H	X	H only	X	H only				
G600/G500/G500H	X	X	X	X				
G900X/G950	X		X					
GNS 430/530					X			
GNS 430W/530W						X	X	
GTN 6xx/7xx	X	X	X	X				
GNS 480								X
G5/6/700 TXi			X	G500 TXi only				
GPS 175/GNX 375			X					
GTN 6xx/7xx Xi			X	X				
GI 275			X					

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## Obstacle Databases

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The following table identifies Garmin avionics systems that utilize Obstacle databases specified on Garmin's Type 2 LOA.

Product Family	Applicable Part Numbers	
	006-D0123-()	006-D4731-()
G1000/G1000H	X	
G1000 NXi		X
G2/3/5000/5000H	X	X
G600/G500/G500H	X	X
G900X/G950	X	X
GNS 430/530	X	
GNS 430W/530W	X	
GTN 6xx/7xx	X	X
G5/6/700 TXi		X
GPS 175/GNX 375		X
GTN 6xx/7xx Xi		X
GI 275		X

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## Terrain Databases

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The following table identifies Garmin avionics systems that utilize Terrain databases specified on Garmin's Type 2 LOA.

Product Family	Applicable Part Numbers				
	006-D0121-()	006-D0122-()	006-D0678-()	006-D2038-()	006-D2659-()
G1000/G1000H	X	X	X	H only	X
G1000 NXi					X
G2/3/5000/5000H					X
G600/G500/G500H	X	X	X	H only	X
G900X/G950	X	X	X		X
GNS 430/530	X	X			
GNS 430W/530W	X	X		X	
GTN 6xx/7xx					X
G5/6/700 TXi					X
GPS 175/GNX 375					X
GTN 6xx/7xx Xi					X
GI 275					X

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## SafeTaxi Databases

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The following table identifies Garmin avionics systems that utilize SafeTaxi databases specified on Garmin's Type 2 LOA.

Product Family	Applicable Part Numbers
	006-D0600-()
G1000/G1000H/G1000 NXi	X
G2/3/5000/5000H	X
G600/G500/G500H	X
G900X/G950	X
GTN 6xx/7xx	X
GMX 200	X
G5/6/700 TXi	X
GPS 175/GNX 375	X
GTN 6xx/7xx Xi	X
GI 275	X

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## FliteCharts Databases

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The following table identifies Garmin avionics systems that utilize FliteCharts databases specified on Garmin's Type 2 LOA.

Product Family	Applicable Part Numbers	
	006-D0598-0	006-D0598-3x
G1000/G1000H/G1000 NXi	X	
G2/3/5000/5000H	X	
G600/G500/G500H	X	
G900X/G950	X	
GTN 7xx	X	
GMX 200		X
G5/6/700 TXi	X	
GTN 7xx Xi	X	

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## IFR/VFR Charts Databases

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The following table identifies Garmin avionics systems that utilize IFR/VFR Charts databases specified on Garmin's Type 2 LOA.

Product Family	Applicable Part Numbers					
	006-D3497-()	006-D4494-()	006-D4495-()	006-D5752-()	006-D6677-()	006-D7121-()
G1000 NXi	X	X	X	X	X	X
G3/5000/5000H new hardware only	X	X	X	X	X	X

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## Appendix

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\*This appendix provides a mapping of Approved Product Identifier (API) / Model to the Product Family label when used above. This information is intended to provide a mapping of database part numbers to Garmin-issued TSOAs.

Product Family	API or Model Numbers
G1000/G1000H	GDU 104x, GDU 1040A, GDU 1044B, GDU 1240A, GDU 1500, GMN-01308 (GDU 1050H)
G1000 NXi	GMN-01308 (GDU 105x, GDU 1050A, GDU 1054B, GDU 1250A, GDU 1550)
G2/3/5000/5000H	GMN-00845 (GDU 1200W), GMN-00716 (GDU 1400W), GMN-00721 (GTC 570), GMN-01200 (GTC 580) New hardware: GMN-01308 (GDU 1250W, GDU 1450W), GMN-01530 (GTC 575)
G600/G500/G500H	GDU 620, G500H
GNS 430/530	GPS 400, GNC 420, GNC 420A, GNS 430, GNS 430A, GPS 500 TAWS, GPS 500, GNS 530 TAWS, GNS 530, GNS 530A TAWS, GNS 530A
GNS 430W/530W	GPS 400W, GNC 420W, GNC 420AW, GNS 430W, GNS 430AW, GPS 500W, GPS 500W TAWS, GNS 530W, GNS 530W TAWS, GNS 530AW, GNS 530AW TAWS
GTN 6xx/7xx	GMN-00813, GMN-00820
G5/6/700 TXi	GDU 7xx, GDU 1060
GPS 175/GNX 375	GMN-01823
GTN 6xx/7xx Xi	GMN-02002
GI 275	GMN-01912