

Internet connection is mandatory to activate the OneNav+ license.

OneNav+ 2.7.0 and later versions supports only English version of Microsoft Windows 10 and 11 operating systems.

OneNav+ Version 2.17.0 Release Notes

Date: 01st APR 2024

Key Improvements

- Enhanced OneNav+ application to compatible with Windows 11 operating system.
- NGFlex: FAS (Final Approach Segment) data view enhanced to display FAS record “CRC” data.
- Updated OneNav+ system requirements in help manual.

Issues Fixed

- All Formats: Corrected Approach Procedure Vertical profile graphical display to provide new cycle approach information.
- All Formats: Company routes data view filters corrected to display the records when user applied Via Type text as “CORTE_DESTINATION.
- KLN90: Fixed application crash or termination when user try to decode a database with zero records in FSS table.
- Upgraded OneNav+ third party components to adhere with Honeywell security standards.
- All Formats: Corrected display names of database associated files of OneNav+ ASDS downloads page.
- All Formats: Corrected procedure plot view transitions to display respective transitions (Old cycle transition display for old procedure selection and new cycle transitions display for new cycle procedure selection) when user changes the selection between old and new cycle procedures.
- ExtOneMeg Format: Procedure SID/STAR existence data for an airport in Airport data view corrected to display the exact information available in the database.
- Flex Format: Corrected compare results for ILS2Navaid, ILS2CAT and ILS2Bearing fields in Runway table.
- NGFlex Format: Corrected recommended Navaid display in Airport table.
- NGFlex Format: Corrected data display, when a company route last fix name is same as Destination airport and its Via Type coded as Direct To Fix.
- Flex Format: Improved B787 databases decoding performance by optimizing the memory utilization.
- All Format: Fixed load existing compare display option after regression.
- All Format: Fixed application crash issue when user export the records as image (.svg) format.

OneNav+ Version 2.16.0 Release Notes

Date: 17th July 2023

Key Improvements

- Enhanced OneNav+ check for updates functionality with alerts option.

Issues Fixed

- All Format: Corrected Data retaining when User Switching from individual to Integrated mapview and vice versa.

- ExtOneMeg Format: Corrected navaid latitude and longitude value displaying in Procedure Leg table.
- NGFlex: Corrected Glidepath angle display in FAS detailed data view.
- Gold Archive - Corrected format type display for gold archive.

OneNav+ Version 2.15.0 Release Notes

Date: 31st May 2023

Key Improvements

- Enhanced OneNav+ to support F6X databases loading and validations.

Issues Fixed

- All Format: Corrected Co-Route and Airways graphical view, to define the minimum & Maximum latitude, longitude coordinates of world map graphical display while performing the pan operations.
- All Format: Enhanced to display information of database Idents selected for comparison during compare operation is in progress.
- All Format: Corrected Procedure plotting to render the selected procedure based on user selection changes.
- All Format: Corrected Compare difference summary, to display the data type entries one time only when user select update existing database comparison.
- BRGA301 Format - Corrected Alt1 data display in Procedure Legs data view.
- Flex Format - Corrected PI procedure leg Plotting when turn direction is "L" and Course Less than 45 Degrees.
- NGFlex: Corrected RNP values data displayed in procedure detailed data view.
- Olathe Format - Filters issue fixed for Waypoint ident without space search.
- All Format - Corrected Procedure plotting nautical mile circle display by considering the respective cycle indicator of procedure and airport data.
- All Format: Corrected exporting the data summary

Limitation: Disabled OneNav+ check for updates functionality and planned to release in Q3 2023

OneNav+ Version 2.14.0 Release Notes

Date: 06th Jan 2023

Key Improvements

- Enhanced log files to capture the details of databases imported up to 90 days in OneNav+.

Issues Fixed

- Flex format - Fixed unexpected application termination issue when user decode Flex databases having last Airport with on change approach procedures.
- HT format - Corrected HT format decoding crash issue and updated logics to support both 32/64 -bit operating system.
- Procedure records comparison corrected to display exact changes when a user performs Archive vs Database comparison.
- NGFlex - Corrected the column header information display and Latitude, longitude, Magnetic variation information display format when user export the databases in csv format
- Corrected, world map view data types and world map pane sizes to restrict the display horizontal scroll bar. Which helps user to view the information in a single view.
- Corrected TerrDB previous and current cycle databases display order in OneNav ASDS website view when user Import databases from website option. This enables users to create the USB/PCMCIA media correctly.

- Fixed Procedure plot view display, to depict correct path when an approach procedure is coded CA leg with MAP.
- Corrected Airport/Nav aids/Waypoints/NDB's data view to display exact records when a user selects Geo area option from view options.
- KNL89 Format - Corrected procedure data view to display the selected procedure type (i.e., SID/STAR/Approach) from view options.
- NGFlex- Corrected Holding Pattern data view fix type display.
- ExtOneMeg Format – Corrected Procedures data view to remove duplicate records.
- GNS EDB Format - Fixed Airport data view to display correct Procedure existence field data (Procs).
- BRGA301 Format - Corrected Alt1 data display in Procedure Legs data view.
- Fixed unexpected application termination when user selects All Airways/Waypoints from World map view.
- GNS Formats - Corrected OneNav+ My database view to display correct Serial Number information during 14 AIRAC Cycles in a year.

Limitation: Disabled OneNav+ check for updates functionality and planned to release in Q2 2023

OneNav+ Version 2.13.0 Release Notes

Date: 17th Oct 2022

Key Improvements

- Enhanced OneNav+ ASDS website login mechanism with latest Honeywell standards.

Issues Fixed

- Flex Format - Corrected Arc/MSA Ctr data display in Procedure Legs data view.
- NGFlex: Fixed application unexpected termination when user selects an approach transition from procedure plot view.

Limitation: Disabled OneNav+ check for updates functionality and planned to release in Q1 2023.

OneNav+ Version 2.12.0 Release Notes

Date: 05th Apr 2022

Key Improvements

- Enhanced OneNav+ application with latest certificate chain of database(s) integrity Check while downloading from ASDS website and importing to application via from file option.
- NGFlex: Procedure data view enhanced to display “SAAAR” indicator data.

Issues Fixed

- NGFlex – Corrected Navaid class data display in Navaid data view.
- Flex Format - Corrected Arc/MSA Ctr data display in Procedure Legs data view.
- Flex Format - Corrected Procedure leg data view to remove the duplicate STAR procedure records.
- GNS EDB - Corrected Procedure existence field data (Procs) in Airport data view
- BRGA20 Format - Corrected Alt1 data display in Procedure Leg data view.
- BRGA301 Format - Corrected country code (CC field) data in Heliport data view.
- All Format: Corrected CI Leg interception drawing for procedure approach transition.
- BRGA301 Format - Corrected Alt1 data display in Procedure/Heli Procedure Legs data view

Limitation: Disabled OneNav+ check for updates functionality and planned to release in Q3 2022.

OneNav+ Version 2.11.0 Release Notes

Date: 08th Oct 2021

Key Improvements

- Enhanced OneNav+ application security for databases import from ASDS website.
- NGFlex: Procedure data view enhanced to display “SAAAR” indicator data.

Issues Fixed

- HT Formats – Corrected Procedure legs data view, to display the correct runway fix information associated.
- All Format - Corrected display of records when user select a fix record and then choose “show related” Coroute/Airways/Procedures from fix (Waypoints/Nav aids/NDB’s) data view.
- Corrected OneNav+ database integrity checks to consider the exact UTC time for DB validation irrespective of user computer time zone setting.

Limitation: Disabled OneNav+ check for updates functionality and planned to release in Q1 2022.

OneNav+ Version 2.10.0 Release Notes

Date: 09th Apr 2021

Key Improvements

- Enhanced OneNav+ application security.

Issues Fixed

- NGFlex format - Corrected display of Leg Distance/Time in holding pattern table.
- HT Format - Corrected display waypoints records when user selects Around an airport option from Database summary view.
- Flex Format - Corrected display of Latitude/Longitude for ORIGIN and DESTINATION Airport in Company route table.
- ExtOneMeg - Corrected display of on changed Navaid Fix Latitude/Longitude of procedure records.
- GNS C129 - Corrected display EOA record of Airway segment.
- ExtOneMeg - Corrected display of via Airway records in Company route table.

Limitation: Disabled OneNav+ check for updates functionality and planned to release in 2.11.0.

OneNav+ Version 2.9.0 Release Notes

Date: 11th Jan 2021

Key Improvements

- Enhanced integrity checks during loading and CD media creation.

Issues Fixed

- Fixed EGPWS (MKVA, EGPWM Threat) 618 databases loading issue.
- Fixed validate Media functionality for EGPWF and Terrain Server 618 databases using USB & CD media.

OneNav+ Version 2.8.0 Release Notes

Date: 25th Sep 2020

Key Improvements

- Enhanced integrity checks for EGPWS (MKVA, EGPWM Threat) databases.
- HT Formats: Enhanced Procedure data view to display Arc Center/MSA data.
- Validate Media option enabled for EGPWF and Terrain Server databases for USB and CD media.

Issues Fixed

- BRGA Formats: Corrected database effective date in My Database section to display cycle end date correctly.
- All Formats - Corrected PI procedure plotting to display within given leg distance.
- BRGA301 Format – Enhanced Airport/Heliport data view to display True North indicator data.
- All Formats – Corrected Gold archive procedures data records display sequence airport wise SID/STAR/APPROACH.

OneNav+ Version 2.7.0 Release Notes

Date: 26th June 2020

Key Improvements

- All formats: World map view, display of company route count in plot view options.
- Provision to have a Validate Media option in My Database page of OneNav+ when no database(s) imported to OneNav+ application.

Issues Fixed

- BRGA Formats: Corrected database recognition in my database page to handle customer ident second character “R/-/” while importing to OneNav+ application.
- Company Route table search options “By Origin” and “By Destination” are corrected to consider the source/destination text contains “OR” as substring. Example: KORD
- BRGA301 Format – FAS decoding logic corrected to avoid multiple time FAS records decode & display
- All Formats – Corrected exporting the data view as image to display only the records visible when user applied data filters in the view.
- Flex Format – Corrected cycle indicator data display for final approach segment records
- Fixed OneNav+ application crash when user selected logout from OneNav+ ASDS webpage.
- Flex format: Corrected CA leg procedure plotting distance as per database value.
- All formats: Base procedure field name corrected as Trans Ident in export setting dialog while user performing procedures data export.
- Flex format: Corrected display of procedures data sequence airport wise (SID/STAR/Approach)

OneNav+ Version 2.6.0 Release Notes

Date: 04/03/2020

Key Improvements

- All Formats Data Export - Enhanced data copy and paste option from data view using Ctrl + C & Ctrl + V to export the data to excel file or text file exactly same as data view displayed (standard or user customized view by rearranging the data columns).
- Enhanced world map view to display the fix (Airport/waypoint /Navaid/NDB) information (Latitude, Longitude, Ident) by mouse hover on any fix displayed on the world map.
- Enhanced OneNav+ ASDS website login with Honeywell CWA SSO updates.

Issues Fixed

- Improved performance of OneNav+ My Database page data display when import the databases from ASDS website, from file.

OneNav+ Version 2.5.0 Release Notes

Date: 03/06/2020

Key Improvements

- Enhanced integrity checks for Navigation databases
- Provision to filter the records with no value/ empty data fields using a space in data views.

- Flex, NGFlex, C130 – Procedures data view enhanced to display Final approach fix (FAF) information.
- All Formats – World map view enhanced with pan option.
- All Formats - Procedures data views enhanced to display separate tabs for both Procedure data and procedure leg data.
- Enhanced OneNav+ ASDS website view to display the information to user when selected Download All option and display the download all database progress

Issues Fixed

- OneMeg – Corrected database size display in database summary view.

NOTE:

With this latest version (**v.2.5.0**) update, **FAF** field information will be displayed in **Procedures** data view. However, previous cycle databases which were decoded using prior versions (**v.2.4.0 & earlier**) of OneNav+, will display blank value instead of actual data.

RECOMMENDATION:

When comparing 2003 & 2004 cycle procedures data, please exclude FAF data by following the instructions below.

1. On the **Compare Database** page, select the **Comparison Type** as applicable and then select the previous cycle (earlier than 2004) database from the **Select A Database to Compare** pane.
The compare with databases are updated in the **Select a Database to Compare with** pane.
2. Select the compare with databases from the **Select a Database to Compare with** pane as applicable and then click **Compare Databases**.
The **Comparison Settings** dialog box is displayed.
3. Select **Procedures** from the left pane.
The list of procedures fields is displayed in the right pane.
4. Clear the check box next to the **FAF** field, and then click **Compare**.
The **Compare Database** status is displayed followed by the comparison summary.

OneNav+ Version 2.4.0 Release Notes

Date: 02/04/2020

Key Improvements

- Introduced a provision to navigate between previous and next airports in procedure plotting view.
- Enhanced procedure plotting to display the graphical view of the first procedure (SID/STAR/Approach) of the selected airport by default.
- Enhanced OneNav+ ASDS webpage
 - To enable download of reports related subscribed databases displayed.
 - Display the associated documents based on database cycle indicator (Previous & Current).
 - Download All functionality of EGPWS databases updated to download only latest version.
 - Download All functionality of NavDB and EGPWS databases updated to download only displayed latest version databases when user apply search/filter criteria.

Issues Fixed

- Corrected Write to Drive functionality to support Boeing CSCT for data loading.
- C130 Format – Corrected display of overfly flag in procedures legs data view.
- NGFlex Format – Corrected duplicated FAS data display.

- Corrected multiple/Selected database decode, when user filtered the databases from My Database page in OneNav+ application.
- Updated to support GNS PCMCIA databases Import from OneNav+ ASDS website

OneNav+ Version 2.3.0 Release Notes

Date: 01/02/2020

Key Improvements

- Enhanced integrity checks for Navigation databases
- Introduction of media validation feature “Validate Media” for Air Transport & Regional database loadable media (CD/FLOPPY/PCMCIA/USB) created using OneNav+
- Disabled the ability to import the Navigation database from loadable media to OneNav+
- Removed the OneNav+ “Classic” view
- Removed databases loading from media (CD/Floppy/PCMCIA) to OneNav+.
- Enabled CD media creation option for Embraer databases

OneNav+ Version 2.2.0 Release Notes

Date: 11/08/2019

Key Improvements

- Enhanced to display license online validations status to the user when activate the license for OneNav+ application.
- Enhanced OneNav ADS website download functionality to download all the associated documents of NavDB.
- Enhanced OneNav+ HUE application to allow user to view the multiple databases contents and maximize the data views for better viewing.
- Enhanced OneNav+ USB loadable creation process to eliminate loading issues caused by windows10 file system by restricting windows10 operating system to create hidden files.
- Enhanced media functionality for user to create a CD/USB for all media types except floppy supported databases.
- All format - Enhanced Comparison settings functionality to save user customized compare settings for future usage.
- EGPWS Formats: Enhanced Latitude/Longitude search, to accept standard input format (Degrees-Minutes-Seconds. Milliseconds).
- EGPWS Format: Enhanced runway graphical display with runway markings, provided an option to enable range rings (5Nm, 10Nm, 15Nm) around any selected runways to identify the obstacles reside in the given range.
- EGPWS Format: Enhanced zoom functionality to zoom a specific user selected rect angle region on the world map view.
- EGPWS Format: Enhanced 2D graphical view of Terrain (World Map view) to enable user to customize the colors for user defined elevation ranges and view the elevations graphically.

Issues Fixed

- C130 Formats – Corrected display of Missed Approach Point(M) data in Procedure legs data view.
- All Formats – Corrected complex records selection functionality when data view column(s) are frozen.
- All Formats – Corrected Lat/Lon to toggle functionality when data view contains more than one latitude and longitude data columns is available.
- All Formats - Corrected course value display in procedure TF leg plotting to display coded course value instead of >360 courses.
- All Formats: Corrected difference data views to display only the differences highlighted in red color when user clicks on up/down arrow buttons available in the difference data view.
- Fixed latency issue when user Import file from network drive.

- Flex format – Reordering the Approach procedure header records to display in sequence like APP, MISSEDAPP and APPTRAN

OneNav+ Version 2.1.0 Release Notes

Date: 05/28/2019

Key Improvements

- HUE version - All Formats - Enhanced World map graphical view with data filter options to customize the data displayed based on user selection (For ex: Added, Deleted, Changed, ..etc.)
- HUE version - Enhanced OneNav+ ASDS user interface to display the “TerrDB (EGPWS)” text in place of “EGPWS”, To maintain a consistency between OneNav+ and ASDS website.
- Enhanced OneNav+ with a provision to deactivate the license (User with old license key i.e.,512-character license key) for transferring the license across the user machines.
- HUE All Formats – Enhanced Revcode column data filters to support not operator (i.e., “!=”, “<>”) to display combination of records like Old & New, New & Both, Old & Both. (For example: Old & New records using != B or <>B).

Issues Fixed

- All Formats -Corrected Approach vertical profile display to show the altitudes and procedure path as per the data coded in the database.
- Flex – Corrected company routes data view to display the initial fix when viatype is coded as CORTE_SID_RWY_TRANS, CORTE_STAR_RWY_TRANS, CORTE_SID_ENRT_TRANS, CORTE_STAR_ENRT_TRANS, CORTE_APPR_TRANS
- Flex – Corrected Airway data view to display the EOA correctly when the last fix of airway is on change.
- NGFlex – Corrected Airway plot view to display the discontinuity correctly when multiple discontinuities are coded.
- NGFlex – Corrected Runway data view to display the runway suffix as coded in the database.
- EGPWF – Restricted EGPWF database download from OneNav+ ASDS user interface as this database format capability is not included in OneNav+ yet.
- BRGA 301 – Corrected airway data view to display the RNP data coded for the airway.
- BRGA 00, 301- Corrected Heli procedure plot view display the SID runway transitions correctly.

OneNav+ Version 2.0.0 Release Notes

Date: 03/05/2019

Key Improvements

- Enhanced OneNav+ user interface - The new OneNav+ version is built to have enhanced and intuitive user screens. The improved UI designs bring functionalities upfront (listing them for quick scan) and helps the user perform specific tasks more easily. Major updates on the UI design include organizing the content of a user’s flow with obvious calls to action, utilizing improved and familiar icons etc. The design has undergone several iterations with review by Honeywell User Experience and usability testing groups.
- Enhanced OneNav+ license mechanism. On successful registration, or on renewal of a OneNav+ License, an activation code will be shared to the user for activation. The activation code will need to be used (online) to enable application features. Same code may be used to enable features for multiple users when site license is purchased.
- Enhanced OneNav+ application to enable the Terrain database, custom database features based on user license capabilities.
- All Formats – Updated waypoint type column name from “T/E” to “Type”, in waypoint data view.

- Enhanced OneNav+ (in latest user interface application) import database operation to rename the database, when user imports an existing database in OneNav+ application.
- Enhanced OneNav+ detailed data views (Latest user interface application) to customize as per the user convenience/need. User can rearrange the columns in the data views and save the view to retain it for future purpose. User also can change to default view from customized data view.
- Enhanced OneNav+ Export functionality, to export the selected records as an image format (User do not require an export functionality for using this feature).

Issues Fixed

- BRGA Formats – Corrected waypoint type description, to display type with meaningful text. (Note: With this update, there will be an impact on archive database comparison. If user is having an archive database with BRGA records archived with earlier version and tries to compare with latest version decoded database, records will be identified as changed due to change in waypoint text description)
- BRGA Formats – Corrected Procedure plotting issue by using previous leg distance to display the CF leg correctly.
- ExtOneMeg – Corrected recommended Navaid Latitude and Longitude data display format in Procedure difference data view.
- Archives – Corrected airway records archive functionality, to archive the user selected records into archive database and refresh the archive record count in archive data summary view.
- Archives – updated Heli procedure records archive functionality to archive the related fix information.
- Archives – Corrected Procedures and Procedure legs record count display in archive data summary view, when a user delete the records from Procedures/Procedure legs data view.
- BRGA301 – Corrected company route context menu option i.e., “By Destination” to populate the correct set of company route records based on the destination airport input given.
- Archived database – Updated Procedures records archive functionality to display Archive Related Recommended Fix details(Navaid/NDB) in plotting
- Archives - Corrected Procedures to display Runway data in Map view
- Plotting: Corrected Missed Approach Plotting Depiction based on Missed Approach Indicator Flag

OneNav+ Version 1.29.0 Release Notes

Date: 12/05/2018

Key Improvements

- Enhanced OneNav+ ASDS website login authentication to support Honeywell CWA SSO.
- BRGA, NGFlex, Flex, OneMeg: Enhanced difference summary procedures table context menu items with “EOSIDs by Airport”, to display the EOSID records by airport.
- Flex: Procedures data view enhanced to display “EOSID Disarm” data.
- EGPWS: Extended OneNav+ EGPWS free capabilities end date to 31st March 2019, for customers to explore the features.
- EGPWS: Terrain Graphical view enhanced to view the terrain data based on the data resolution (6,15,30,60,120,180,300,600,1200 arc seconds) packed in the database with different colors on the world map.

Issues Fixed

- GNS IDB – Corrected waypoints data view to display on change waypoints records correctly.

- Archive database plotting – Fixed application crashing issue, when data graphical view is opened and user try to archive records to same archive database.
- ExtOneMeg – Corrected duplicate records display in procedures data view
- GNS C129 & EDB – Corrected runways latitude and longitude data display in runway difference view.
- Flex - On change company routes plotting issues corrected, when origin and destination airport idents are coded same.
- Procedure plot view is corrected to display SID & Approach procedure runway coordinates as center of nautical mile circle, when user switch between old and new cycle procedure plot.
- All Formats – Corrected difference summary procedures data view, to filter the data correctly in both left and right panes, when user enters the text in left/right pane columns filter.

OneNav+ Version 1.28.0 Release Notes

Date: 10/12/2018

Key Improvements

- Enhanced OneNav+ Capabilities for EGPWS databases, to view the database contents (Runways, Obstacles, Terrain) in textual and graphical formats. Please refer help manual (Home > Plotting Database > Plotting EGPWS Data) for more details. All these enhancements are available free for all EGPWS customers till 31st December 2018 (No license required).

NOTE:

To use graphical features of EGPWS database, user computer should have GPU (Graphics Processing Unit) with drivers installed.

- Updated OneNav+ Help manual with end user license agreement for customer reference purpose and EGPWS feature details.

Issues Fixed

- BRGA00 - Corrected SID Exist, STAR Exist data display in Airport data view.
- Flex - Corrected procedure graphical display to render the TF leg as intended.
- Corrected delete records functionality, to delete only the selected procedures from the archive database.
- NGFlex – Corrected changed procedure records display when user select “Changed” menu option from right click context menu of procedure Legs table.
- Flex – Fixed OneNav+ hanging issue when user decoding database.

OneNav+ Version 1.27.0 Release Notes

Date: 08/28/2018

Key Improvements

- NGFlex – Enhanced runway data view to display ILS information. (Customer requested update to the runway record on B747-8/9/10 and G650 databases will result in a change to ALL runway records, when user

performs database vs Archive comparison. Please take care and examine the runway changes.)

- Enhanced ADS website functionality (Login, download the databases) to support TLSv 1.2 protocol.

Issues Fixed

- GNS Formats – Corrected SID, STAR, and Approach exist information display of an airport, In Airport data view.
- ExtOneMeg, Flex - Corrected procedure plot view transitions to display respective transitions (Old cycle transition display for old procedure selection and new cycle transitions display for new cycle procedure selection) when user changes the selection between old and new cycle procedures.

Mandate upgrade, Honeywell will highly recommend this upgrade to be installed by the users.

OneNav+ Version 1.26.0 Release Notes

Date: 07/13/2018

Key Improvements

- ExtOneMeg, Flex, NonOneMeg formats – Updated Turn direction column to display L/ R/ Blank as data. Removed display of “E” under turn direction column to avoid incorrect differences of archive vs database comparison.

OneNav+ Version 1.25.0 Release Notes

Date: 06/29/2018

Key Improvements

- EGPWS – Enabled Import databases from loadable CD to OneNav+ file manager.
- EGPWS – Enabled Import databases from loadable ATA card to OneNav+ file manager.
- EGPWS MK V VII Databases – Import databases from PCMCIA liner flash card to OneNav+ file manager.
- All Formats – Enabled a provision to plot Airways under World Map view.
- All Formats – Database importing to file manager algorithm optimized.
- All Formats – Grid overlay on OneNav+ Plot view.
- Help manual updated for all the enhancements.

Issues Fixed

- All Formats – Fixed issue in updating the network archive data (New data insertion) from compare difference data view.
- All Formats – Removed extra distances display between fixes in approach vertical profile plot.
- GNS IDB – Navaids cycle indicator corrected to display old and new cycle records correctly.
- BRGA00 – Corrected database ident display in DB Identification table.
- All Formats – Fixed Filter issue when user perform multiple ident search
- All Formats – Corrected company route plotting to ignore Cruise Alt via type.
- All Formats – Corrected the effective dates in difference summary, when user export the difference report after comparison.
- ExtOneMeg, NonOneMeg and Flex – Fixed Turn Direction display in procedure data view.
- KLN90 – Corrected comparison issue when comparing ARTCC table.

- All Formats – Archiving Airport record along with procedures records to correct the archive procedure records plotting by using airport magnetic variation information.
- BRGA formats – Runway Exists field display corrected in airport data view.
- All Formats – Fixed Gold Archive procedure plotting with respect to ViaType.

OneNav+ Version 1.24.0 Release Notes

Date: 03/06/2018

Issues Fixed

- All formats – Updating the network archive databases automatically when a new version of OneNav+ is installed in user machine. (Issue identified in 1.23.0 version of OneNav+)
- All formats – Procedure comparison corrected to display exact changes when a user performs Archive vs Database comparison. (For ex: A custom procedure of NavDB is compared with a non-custom procedure of Archive file and vice versa, with this update OneNav+ display the procedure as changed instead of added and deleted procedure)

OneNav+ Version 1.23.0 Release Notes

Date: 02/06/2018

Key Improvements

- All formats – Procedures data view is enhanced to display base procedure ident and Transition Ident data in two separate columns i.e., Ident and TransIdent columns.
- All formats – Airport data view is enhanced to display the SID/STAR/Approach/EOSID procedure idents belong to the selected airport (Airport in selected row) when user hover the mouse on SIDs/STARs/Approaches/EOSIDs column data.
- Obstacle Database – Enhanced OneNav+ to load the new obstacle loadable database with updated filenames i.e., obstacles. _hr., Obstructions.dat files.
- BRGA301 format – Enhanced airport data view to display the airport name information.
- All Formats – World Map view enhanced to display company route Ident at the center of the route for better viewing.

Issues Fixed

- HT formats – Corrected the VOR NAME, VOR CITY data display of ILS Navaids.
- BRGA301 format - Corrected Heli procedure IF leg fix information display in Heli procedure data view.
- Flex format - Corrected fix latitude and longitude data display of on change procedures.
- NGFlex format - Corrected Grid Mora data view to display the correct latitude and longitude information.
- All formats – Approach procedure vertical profile plot view corrected to display the correct distance of IF leg.
- All Formats – Context menu search options are corrected to accept the comma or spaces as a delimiter in the given search text.

OneNav+ Version 1.22.0 Release Notes

Date: 10/03/2017

Key Improvements

- OneNav+ installation process enhanced to - not support installation on machines which has Operating System prior to Windows 7.
- Updated End User License Agreement.
- Enhanced ASDS website functionality to consider the proxy details available in OneNav+ internet settings.
- NavDB and EGPWS database download from ASDS website using OneNav+ – Information about the suspended databases as a message in the NavDB/EGPWS page header section.
- All formats – Procedure plot view enhanced to display the transitions below the selected procedure for better usability.
- A665 ExtOneMeg – Decoding and display of extended terminal area procedures.

Issues Fixed

- All formats – Corrected Company Route Plotting, where origin and destination are not in same region.
- Corrected NavDB loading functionality from PCMCIA card.
- Embraer database formats – Corrected CD writing functionality.
- All formats – Corrected Procedure plotting to consider the altitude based on the procedure cycle indicator.

OneNav+ Version 1.21.0 Release Notes

Date: 07/21/2017

Key Improvements

- OneMeg – Enabled support for loading A665 loadable databases.
- EGPWS – Enhanced ASDS website functionality to display the databases subscribed for the account.
- EGPWS – Integrated all EGPWS databases loading and media creation capability.
- Enhanced write to disk functionality for specify the root folder naming convention and zip/unzip format when user writing the floppy supported databases into USB media

Issues Fixed

- BRGA 301 – Corrected unnamed waypoint fix information display in procedures.
- KLN94 – Corrected runway fix information display in procedures when the procedure is on change.
- NonOneMeg – Enabled CRC check after writing the database contents into CD media.
- All Formats – Corrected Company routes data display when user search the company route data by specifying the origin and destination details.
- GNS PRNAV - Procedures Leg data corrected to display “RF” path and terminator information.
- Enabled scroll bar for ASDS alert messages for better viewing of larger text.
- All Formats - Corrected current view export functionality to export the displayed data when user perform the data filter operation.
- ExtOneMeg – Fixed display of exact Engine Air Frame information instead of “???”

OneNav+ Version 1.20.0 Release Notes

Date: 05/31/2017

OneNav+ 1.19.0 and later versions supports only English version of Windows 7 and above operating systems.

Key Improvements

- All formats – Company routes plot view enhanced to display complete route at one glance by fitting the route in the screen.
- All formats – Compare difference data, all records view enhanced with filters for easy data search.
- PCMCIA Card functionality – Enhanced to view the card details like size of the card, driver installed, Drive status, and write protected enable/disabled. And also enabled a feature to analyze the card is in good/bad condition.
- All formats – Procedure plot view enhanced to display complete procedure at one glance by fitting the procedure in the screen.
- All formats – Procedure plot view enhanced to display the fix ident, leg course and distance data text aligned to the procedure leg plot.
- All formats - Approach procedure vertical profile enhanced to display CA leg distance & Altitude.

- AMDB - Airport graphical view enhanced with an option i.e., “Show Data” for displaying the overlaid shape file data.
- AMDB – Comparison enhanced to view the data of added and deleted records information in graphical view.
- Flex – Airways data view enhanced to display “is Oceanic” data
- OneMeg – Enhanced runway data decoding logic to handle the last record indicator for old cycle runway record.

Issues Fixed

- All formats - Extra lines plot issue fixed in world map view, when user selects all Airports, waypoints, Nav aids, NDB's and deselect any one of them.
- GNS PRNAV - Procedure existence data for an airport in Airport data view (Proc Exist column) corrected to display the exact information based on cycle indicator of Airport.
- GNS IDB – Runway data corrected to display all the runway records available in the database.
- All formats - Detailed data views Latitude data low precision display corrected to display in two digit format i.e., (DD-MM.S, N48-25.3).
- KLN90 – Procedure SID/STAR existence data for an airport in Airport data view corrected to display the exact information available in the database.
- GNS PRNAV – Airport data corrected to display all the airports packed in the database.

OneNav+ Version 1.19.0 Release Notes

Date: 04/07/2017

Key Improvements

- Mandatory Security Update.
- All formats – Data filters enhanced with positional wildcard characters i.e., ? %, _ for quick search.
- All formats – Data views of procedures, company routes, airways enhanced to highlight entire segment records, when user select a record corresponding to the segment.
- All formats – Procedure plot view enhanced to plot the selected procedure from the data view.
- All formats – Procedure plot CA leg end point computation enhanced to remove the discontinuity.
- All Formats – Enhanced company routes plotting to display all routes available in the database. Provided a provision to user for plotting multiple routes by entering multiple route idents separated by comma.
- All Formats - Enhanced airways plotting to view multiple airways at once. Provided a provision to user for enabling multiple airway plotting.
- BRGA 301 - Heli procedure plotting enhanced to display the helipad and first leg connected to helipad depicted.
- Flex – Airport data view is enhanced to display TOS2 indicator data.
- AMDB – Edge network and vertical structure polygon graphical display colors changed for better visibility.
- AMDB – Removed Meta data Runway end information from decode summary view.
- AMDB – Graphical representation of HAF file differences enabled. Now user can graphical view the added, deleted, changed elements of HAF file.
- AMDB – Comparison enhanced for displaying Info_ReclDx value in Signs table.
- AMDB – Hotspot Sign table data view enhanced to display Sign Type.
- DynaChart – Procedure plotting enhanced to display TAA, Approach minima information.
- Notification messages for OneNav+ Latest versions availability in ASDS website is updated.

- Upgraded OneNav+ development technology to latest version i.e., Qt 4.6.2 Version to Qt 5.4 version.

Issues Fixed

- All Formats – Corrected procedure plotting to plot the IF leg correctly for transitions and multiple runways.
- All Formats – Compare data views of procedures, company routes, airways enhanced to highlight entire segment records, when user select a record corresponding to the segment.
- All Formats - Database comparison changed records view issue fixed to retain the difference data color (i.e., Red/Purple font color) when user apply the data filter in the view.
- All Formats – Corrected Procedure plotting to consider the right magnetic variation when airport is on change. And allowable magnetic variation range.
- All Formats -- Procedure CF leg plotting corrected to depict the procedures based on the course data coded.
- BRGA 301 – Corrected data search context menu item i.e., “Tools → Multiple Heli procedure Idents” to display the selected Heli procedures data.
- BRGA301, C130 – Removed TimeorDist flag column (duplicate information) from holding pattern table detailed data view.
- BRGA 301 - RNP values data displayed in Heli procedure detailed data view.
- GNS PRNAV - Airport data decoding corrected to display all the airports information packed in the database.
- Flex - On change company routes plotting issues corrected to remove the discontinuities and extra lines.
- Flex – Corrected procedure data view to display the EOSID.
- Flex - Airport data view SID Exist data display corrected, to consider only SID procedures but not EOSID procedures. EOSID procedure data is displayed only under EOSID Exist data.
- NGFlex – Corrected GLS bearing and channel data display in Nav aids data view.
- EXTONE MEG – Correct Procedure data display to show all the available EOSIDS information in the database.
- Gold Archive – Corrected data archiving problems for all non NG FMS EPIC databases.

Known Issues

- Level of service RNP fields description is not updated in Help manual in this release (Target Release 1.20.0)

Mandate upgrade, Honeywell will highly recommend this upgrade to be installed by the users.

OneNav+ Version 1.18.0 Release Notes

Date: 11/18/2016

Key Improvements

- EGPWS database download from ASDS using OneNav+ – Included Terms and Conditions and Renewal messages of EGPWS database subscriptions.
- EGPWS database download from ASDS using OneNav+ – A note message display about OneNav+ supported EGPWS database formats.
- Enabled “Write to Disk” option for Floppy supported databases, to write the database contents to an USB drive.
- Export feature – Tables having zero records and only identical records are removed from export settings dialog.
- All formats – Procedure plotting vertical profile for approach procedures is enhanced to best fit into the view, removed transitions display and zoom operations from procedure vertical profile view.

- All formats – Procedure data view is enhanced to display Procedures and Procedures Legs information separately in both decode and archive views.
- Dyna Charts – Procedure plotting vertical profile for Approach procedures enhanced to display fix idents, altitude at fix and distance between the procedure fixes.
- NGFlex – Runway specific Approach procedure plotting enhanced.
- AMDB – Enhanced comparison to set the tolerance value for specified fields.

Issues Fixed

- Export feature – Corrected the Fix latitude and longitude data when user is exporting data using “Export Selected as an Image”, “Print” and “Ctrl +C, Ctrl +V” options.
- NGFlex – Corrected missed approach point data display for approach procedures.
- Olathe – Corrected procedure plotting
- Data filters – Filters issue fixed when user is filtering for less than zero values.
- NGFlex - RNP values (RNP1, RNP2, RNP3, RNP4) decoding corrected for approach procedures.
- Dyna Charts - Serial number display in File Manager corrected for 3 character Airport Idents.
- NGFlex, NonOneMeg, Flex - FPA data corrected to display 0 degree.
- GNS IDB - Runway table cycle indicator display corrected.

OneNav+ Version 1.17.0 Release Notes

Date: 08/25/2016

Key Improvements

- Database download functionality updated to track the number of database downloads information.
- Enhanced File manager scroll bars, to synchronize between upper and lower panes database selections.
- Enhanced export functionality to export multiple databases to CSV or TXT files at one go.
- Flex – Procedure data view is enhanced to display the procedure runway fixes in an elaborated format i.e., Runway number is prefixed with “RW” (Ex: RW16, RW08).
- NGFlex – Runway data view is enhanced to display the Threshold Crossing Height information.
- All formats -- Procedure legs of VA/FA path and terminator leg length computation based on the ARINC standard i.e., 1NM distance for every 500ft raise in the altitude.
- All formats -- Procedure plotting enhanced to display altitude information in approach procedure lateral view.
- All formats -- Procedure plot enhanced to display the procedure leg Course and distances
- All formats -- Nautical mile circle in procedure plot enhanced to move along with procedure, provision for user to change the nautical mile circle radius. Ex: 5/10/15/20 NM.
- All formats -- Procedure plot window vertical profile view default size modified to utilize the screen size effectively and for better view of procedure lateral plot.
- All formats -- Enhanced procedure plot window to display the latitude and longitude information when user mouse hover on the procedure lateral plot view.
- Dyna charts plot – Enhanced to display the altitudes, speed restrictions, course, and distance information of procedure leg.
- Dyna charts plot – Enhanced to display the notes information of a procedure.
- Dyna charts plot -- Enhanced to display the tag text information of a procedure.
- Dyna charts plot -- Enhanced to display the Radar vector symbol and information of procedure.
- Dyna charts plot – Enhanced to display the changeover point symbol, Navaid to and from distance information.
- Dyna charts plot – Enhanced to display the altitude change bar symbol, and its related altitude information.
- Dyna charts plot – Enhanced to display MSA information in the procedure plot.

- Dyna charts plot – Enhanced to display procedure turn depiction in the procedure plot.
- Dyna charts plot – Enhanced to display the missed approach in a dotted line.
- AMDB plot – Enhanced to change the colors of the data elements in a HAF file and background of the displayed plot based on user choice to view the data effectively.
- AMDB plot – Enhanced zoom functionality with a rect angle zoom feature addition.
- AMDB plot – Enhanced to change the alignment (left/right/center/top/bottom) of label position and label text wrap/unwrap options to view the displayed text effectively.
- AMDB plot – Customization of HAF file elements display order in the left pane, save the customization for next operation and reset to default order.

Issues Fixed

- All formats -- Corrected procedure plotting leg disconnects due to different (Magnetic/True) course depictions across the formats. (Now onwards all the procedure legs depiction is with respect to true north)
- All formats -- Corrected procedure plotting, to plot the exact number of runways available in the binary for the selected airport.
- All formats -- Corrected company route plotting extra lines depiction and disconnects in via airway segments.
- All formats -- Corrected procedure plotting to remove the discontinuities for procedure legs with CI/VI, CD/VD/FD, CR/VR, CF, TF, and DF path and terminators.
- All formats -- Corrected procedure plotting to depict the procedure turn when a procedure leg path and terminator is coded as PI.
- All formats -- Corrected procedure plotting to remove extra line connecting to infinite position when a procedure leg path and terminator is coded as TF.
- All formats -- IF path and terminator procedure leg depiction corrected to remove the discontinuities in OneNav+ procedure plotting.
- All formats -- Airway plotting algorithm corrected to remove the incorrect extra lines between the fixes in single or multiple airway plot.
- All formats -- Approaches by airport context menu operation corrected to display given airports approaches data when user input the multiple airport ids separated by a comma.
- EXTONEGEM – Included extended airways data part of airways.
- EXTONEGEM – Database decode summary view is corrected to display the correct waypoint records word size information.
- Flex – Airport data view corrected to display gates data existence information when an airport is on change.
- Flex – Procedure data view is corrected to display the missed approach records part of approach procedures.
- BRGA All – Runway data view corrected to display the exact ILS bearing data based on the based on the runway cycle indicator.
- BRGA All – Fixed procedure transitions plotting crashing issue.
- KLN94 - Fixed procedure comparison logic to compare procedure transitions part of procedures.
- KLN89 - Procedure data view corrected to display fix, fix type information.

Mandate upgrade, Honeywell will highly recommend this upgrade to be installed by the users who download their databases through Honeywell ASDS website within OneNav+.

OneNav+ Version 1.16.0 Release Notes

Date: 05/04/2016

Key Improvements

- Flex – Runway width data added to runway data view.
- Auto Notifications to user when OneNav+ latest version available in Honeywell ASDS website.
- Obstacle database – Decode, Compare, export capability added.
- Enhanced data filters feature to filter the data immediately with the input text (character based input for data filter).
- All formats – Enhanced performance for exporting the database records.
- BRGA 301 – Approach type Ident data added to FAS data view.
- AMDB plot view - Enhanced for viewing both plot view and data element records data in more convenient way.
- AMDB plot view – Enhanced to find the required position (with Latitude & Longitude as input) on the Airport map view.
- AMDB plot view – Enhanced to change the AMDB data elements rendering order for better viewing of desired data elements graphically.
- Enhanced Airport data view to provide existence of different procedure type (i.e., SID's/STAR'S/Approaches) information to all available airports in the database.
- BRGA, Flex, NGFlex, ExtOneMeg, NonOneMeg - Enhanced Airport data view to provide existence of EOSID (engine out SID) information to all available airports in the database.
- Enhanced data views to display the description of each column as tool tip.
- Enhanced procedure plotting lateral view to display altitude information at procedures fixes.
- NavDB Compare functionality enhanced to compare user specified airports (Multiple airports input allowed with a comma separator) procedures.
- Procedures table SID's, STAR's, Approaches context menu items are enhanced to search New, Deleted, and Changed procedure types record in much easier way.
- Flex – Company routes new cycle, old cycle records display reframed to display all old cycle route records and new cycle route records together.
- HT – Navaid data view is enhanced to display city name and navaid name.
- Help manual updated for all new enhancements.

Issues Fixed

- GNS all formats - Corrected Via type display for Procedures data view.
- Data views, fixed data filters crash issue when filtering a procedure data view containing more than 500 thousand records.
- AMDB – Fixed crash issue when selecting a data element having no records from plotting window.
- GNS all formats – Corrected elevation data display to show '0' and negative elevation in airports and Navaids.
- BRGA 301 - Corrected FAS (Final Approach Segment) data view duplicate records display issue.
- GNS C129 – Corrected Procedures data view to display exact latitude and longitude for a Navaid fix.
- All formats – Corrected export crash issue when exporting procedures having more than 500 thousand records.
- All NavDB formats - CA path & terminator Procedure leg distance computation based on the altitude coded for the leg and runway elevation, instead of 2NM default distance.
- DDC – Corrected cycle end date display issue in effective date
- AMDB – Corrected effective date display for AMDB HAF file.
- Flex – Fixed BH3 database decoding issue.
- Procedure records export from current view order mismatch corrected.
- Flex – Procedures view corrected to display 0.0 FPA value.
- NGFlex – Approach procedures order modified to display approaches followed by approach transitions.(Made consistent display across OneNav+ procedure data views)
- C130 - World code column name spelling corrected.

- C130 – Approach Altitude data display corrected in vertical profile view of Approaches plotting.
- KLN94 – Corrected procedure comparison issue to display exact changes.
- KLN90 – Procedures data views corrected to display approaches runway fix latitude and longitude data correct.

OneNav+ Version 1.15.0 Release Notes

Date: 01/25/2016

Key Improvements

- Enhanced Airport data view to provide existence of different procedure type (i.e., SID's/STAR'S/Approaches) information to all available airports in the database.
- BRGA, Flex, NGFlex, ExtOneMeg, NonOneMeg - Enhanced Airport data view to provide existence of EOSID (engine out SID) information to all available airports in the database.
- Enhanced data views to display the description of each column as tool tip.
- Enhanced procedure plotting lateral view to display altitude information at procedure fixes.
- NavDB Compare functionality enhanced to compare user specified airports (Multiple airports input allowed with a comma separator) procedures.
- Help manual is updated with the latest features till date.

Issues Fixed

- Corrected GNS databases procedure data order.
- Corrected procedure transitions plotting based on the selected procedure and its applicable cycle indicator.
- Corrected all Decode crash issues for NG Flex databases.
- Flex, NGFlex, NonOneMeg – Company routes records display restriction to show origin and destination airport records once in each Company route.
- NG Flex - Procedures on change RNP1, RNP2, RNP3, and RNP4 values display correction by splitting the procedure into old and new procedure.
- ExtOneMeg – Missed approach point display correction for procedure records.
- All formats approach procedure plot vertical profile, distance between fixes correction to display the correct distances as same as lateral view.

OneNav+ Version 1.14.0 Release Notes

Date: 09/22/2015

Key Improvements

- OneNav+ ASDS interface updated for displaying notification messages to customers.
- OneNav+ ASDS interface enhanced to prompt proper error or warning messages to customers.
- C130 – Enabled CD media option for the databases supporting USB media type.
- Enhanced FD path & terminator procedure leg plotting to consider distance coded in the binary.
- AMDB - Detailed data views updated to display index data columns.

Issues Fixed

- Flex – Procedure table context menu items STARs and STARs By Airport, data display issue corrected.

OneNav+ Version 1.13.0 Release Notes

Date: 05/08/2015

Key Improvements

- Download database associated documents (Label's/ Detailed Reports/ Letter/ Certificate) using OneNav+ ASDS interface.
- Data filters option for all the detailed data views.

Issues Fixed

- EOSID unnamed waypoint fix data decoding correction.
- Flex, ExtOneMeg company route cost index data correction.

Known Issues

- Help manual is not updated for the above enhancements (Target Release 1.14.0).

OneNav+ Version 1.12.0 Release Notes

Date: 04/09/2015

Mandate upgrade, Honeywell will highly recommend this upgrade to be installed by the users who download their databases through Honeywell ASDS website within OneNav+.

Key Improvements

- New ASDS website changes integrated into OneNav+ to close the known security issues with SSL v3 protocol, to download the databases faster, and to download multiple databases simultaneously.
- ExtOneMeg - Custom Approach information display part of company routes.
- In addition to FAT16, FAT32 formatted USB's are also allowed for loadable USB media creation.

Issues Fixed

- NonOneMeg – Holding Patterns - Leg length data correction while exporting.
- BRGA301 – EOSID – ArcMSA latitude and longitude data display correction.

OneNav+ Version 1.11.0 Release Notes

Date: 11/25/2014

Mandate upgrade, Honeywell will highly recommend this upgrade to be installed by the users who download their databases through Honeywell ADS website within OneNav+.

Key Improvements

- On demand CRC check – to check CRC for any given database from OneNav+ file manager view through File menu or right click context menu.
- NavDB nomenclature in every view is renamed as Database.
- USB media writing option also enabled for CD media supporting databases.
- Supporting USB loadable for eADL (enhanced Airborne Data Loader) from TELEDYNE CONTROLS.
- Comparison performance improvement (reduction in the time taken for comparing two databases).
- PCMCIA functionality upgrade for better understanding of error / warning messages.
- ADS website login credentials remember me option.
- Addition of following fields in export feature:
BGA301 – Procedures - LNAV/VNAV, LNAV and IAF
ExtOneMeg – Procedures – FAF
GNS C129 – Waypoints – ICAO

Issues Fixed

- OneMeg – Airline Policy Performance Entry code decoding.
- NonOneMeg – APF – Company Address decoding.
- NonOneMeg Airway data discontinuity sequence number correction.
- NonOneMeg Procedures, Airport fix decoding.
- NonOneMeg CG6 database airway records decoding.
- VFR field display in runway data view.
- BGA301 – RNP value display for MAP, RNP2 value display for all Missed Approach legs.
- BGA301 – EOSID – Time data display correction.
- BGA301 – Tailored DB EOSIDs comparison as part of procedures.
- BGA310 – EOSID procedure fix decoding based on cycle indicator.
- C130IMP – Procedures FPA displaying positive value.
- GNS PRNAV runway length display correction.
- Flex Company routes origin airport cycle indicator incorrect display.
- Flex procedures ARC / MSACtr data decoding based on cycle indicator.
- HT Approach Runway Ident decoding issue.

OneNav+ Version 1.9.0 Release Notes

Date: 06/05/2014

Highly Recommended upgrade, Honeywell will recommend this upgrade be installed for any issues reported with previous versions of OneNav+.

Key Improvements – All Users

- Supporting BGA EPIC database import into OneNav+ and USB media creation.
- Auto saving of login credentials for ADS website. Any given time the user can update the credentials through Settings -> Update Credentials -> ADS Website.
- Consistent display of procedures Missed Approach Point (MAP) across all the NavDB types, it used to display missed approach legs for few and MAP for few other types.

Issues Fixed (extensive retesting to make sure data is represented correctly)

- Importing NavDB (B777 loadable) from floppy disk.
- Importing Airbus Flex floppy database.
- Importing NavDB from loadable CD media
 - Importing NavDB from APEX, C130J, EPIC, INAV and PCDL CD media.
 - Importing NavDB from Flex B7X7 CD media.
 - Importing NavDB from NGFlex B7X7 and INAV CD media.
 - Importing NavDB from OneMeg CD media.
- Importing NavDB from GNS PCMCIA file
 - Importing NavDB from GNS C129 PCMCIA file.
 - Importing NavDB from GNS PRNAV PCMCIA file.
- Importing NavDB from C130 IMP and INAV USB file.
- Importing CD supporting NavDB
 - Importing NavDB from NZ, EPIC, INAV and PCDL CD databases.
 - Importing NavDB from C130J databases.
- Creating a loadable media for EPIC, INAV, and PCDL CD media.
- ExtOneMeg (B7x7, A32x/A34x, MDxx) database decode and display issues
 - Airports magnetic variation display changed to tenth decimal (for example: W18.0, E19.0 and invalid data represented with W00.0).
 - Navaid station declination display changed to tenth decimal (for example: W18.0, E19.0).
 - Navaid frequency data display changed to hundredth decimal (for example: 114.80)

- Alternate Type data added in the decoded data view.
 - GridMORA table column duplication.
 - Duplicate and Missing procedure data display in procedure data view (procedure is displaying twice or missing).
 - Airline policy table Destination Report data displaying as blank.
- NonOneMeg (B7x7, A310,A32x/A34x) database decode and display issues
 - Airports magnetic variation data display corrected and the representation changed to tenth decimal (for example: W18.0, E19.0 and invalid data represented with W00.0).
 - Holding pattern Fix Type incorrect display (for example: displaying fix type NAV instead of NDB).
 - Removed Altitude Label column from holding pattern data view.
 - Navaid station declination display changed to tenth decimal (for example: W18.0, E19.0).
 - Navaid's True North field data display correction (for example: True North displaying as T and magnetic north displaying as M).
 - Navaid's FOM field data display correction.
 - Waypoints T/E field data display correction.
 - Airline policy table Destination Report data displaying as blank.
 - NGFlex database decode and display issues
 - Airports magnetic variation display changed to tenth decimal (for example: W18.0, E19.0 and invalid data represented with W00.0).
 - Displaying blank for CTR maximum value.
 - Navaid station declination display changed to tenth decimal (for example: W18.0, E19.0).
 - On change Airway, Company route, FAS, Procedures records cycle indicator incorrect data display and data duplication. (For example, the approach is on change but it represents both old and new cycle records cycle indicator as 'B').
 - Airway altitude level indication in data view.
 - Flex database decode and display issues
 - Procedures IAF field data display updated to display only 'Y'.
 - Company routes search query for deleted records.
 - NZ, EPIC, IAC, INAV database decode and display issues
 - Airports, Heliports MagVar field data display is changed to tenth decimal (for example: W18.0, E19.0).
 - Airports, Navaid's, Procedures True North field data display is changed to display 'T' and 'M'.
 - Procedures, Navaid's station declination display is changed to tenth decimal (for example: W18.0, E19.0).
 - EOSID Procedures via type updated to display EOSID.
 - HeliProcedures FPA, Course, CAS data correction.
 - Engine Out SIDs incorrect RNP value display in decode data view.
 - Holding pattern fix incorrect latitude and longitude information display when the fix is on change. (For example Holding pattern latitude and longitude is displaying old cycle data instead of new cycle data).
 - GNS database decode and display issues
 - Outer marker records displayed under waypoints.
 - Runways table runway number is updated to display correct Runway Ident.
 - Waypoints record count correction.
 - Navaid frequency data display changed to hundredth decimal (for example: 114.80).
 - Navaid frequency data correction.
 - Airways table extra records decoding and displaying junk data.

- Airports, Nav aids, Waypoints ambiguous records country name (CC) field data is decoded and displayed correctly. (For ex: APNB ambiguous waypoint country name is COLOM but it used to display as NETH).
- Nav aids NavClass decoding correction.
- Procedures data correction.
- HT database decode and display issues
 - Procedures and Airports table North field data display updated to display 'M' and 'T'.
 - Procedure and Nav aids station declination display changed to tenth decimal (for example: W18.0, E19.0).
 - Runways magnetic bearing data display updated to hundredth decimal (For ex: magnetic bearing display from 165.899993839 to 165.90).
 - Runways table ILS, ILS Cat, and ILS bearing fields data correction.
 - Added True North column in Runways table.
 - Nav aids table station declination field data and display correction.
 - Nav aids table Elevation data correction.
 - Procedures Altitude1 data correction.
 - Procedures FPA, Hold Time incorrect data display in decode data view.
 - HT9100 database procedures Altitude 2 data displaying as blank.

OneNav+ Version 1.8.8 Release Notes

Date: 01/09/2014

Key Improvements

- Performing CRC check while creating A665 & B7X7 loadable CD media.
- Shortcuts for menu's and Color theme's consistency.
- APF data display consistency.
- Tailored db loading enhancement for BGA301 formats.
- NavDB summary view enhancement to show only the tables having records.

Issues Fixed

- Flex Company Routes origin airport decode & display.
- ExtOneMeg duplicate & missing procedures.
- NonOneMeg Alternates & Gates duplication.
- Flex Company Route fix type discrepancy.
- Runway elevation displaying blank.
- NonOneMeg airports decoding.
- PRNAV Company Routes decoding.
- Airports compare discrepancy.

Known Issues

- Help manual is not updated for the above enhancements (Target Release 1.8.9).
- Registration and Licensing issues for Japanese and Korean customers (Target Release 1.8.9).

OneNav+ Version 1.8.7 Release Notes

Date: 10/17/2013

Key Improvements

- PCMCIA media creation for EGPWS MK V / MK VII databases.
- Honeywell AES website URL change to ADS.
- AMDB updates to sync with build 8.0 (Honeywell internal users only).

Issues Fixed

- GNS formats serial number display in the file manager.

- Comparison report is showing few identical records as changed.
- Airways, Navaids and Waypoints decoding issue in NonOneMeg formats.
- FPA data display in procedure data view.
- CD leg intersection point computation issue in EOSID plotting.

Known Issues

- Registration and Licensing issues for Japanese and Korean customers (Target Release 1.8.8).

OneNav+ Version 1.8.6 Release Notes

Date: 08/28/2013

Issues Fixed

- GNS NavDB loading issue from AES website.

Known Issues

- Registration and Licensing issues for Japanese and Korean customers (Target Release 1.8.7).
- GNS formats serial number display in file manager (Target Release 1.8.7).
- Comparison report shows few records as changed even though the detailed difference data looks identical (Target Release 1.8.7).

OneNav+ Version 1.8.5 Release Notes

Date: 08/22/2013

Key Improvements

- A320 VI/CI path terminator differentiation.
- CI intersection point validation in procedure plotting.

Issues Fixed

- Procedure and procedure transition sorting/missing in ExtOneMeg format.
- Flex A2X decoding issue.
- Arc center ident discrepancy for EOSID in BGA301.
- Displaying default transition altitude values in NGFlex.
- Recommended Navaid decoding discrepancy in BGA301 airports.
- DAC policy data getting decoded as APF data in NonOneMeg.
- Exporting wrong Nav Declination data in C130J.
- Mismatch of Gates record count in NonOneMeg formats.
- Displaying Elevation as blank instead of default zero.
- Decoding WeightVar records in OneMeg formats.
- C130IMP altitude discrepancy in procedure data.
- Incorrect display of Holding Pattern length units.
- Archiving latest records of NavDB to current archive from the difference view.
- RNAV SID plotting discrepancy.
- CoRte word count discrepancy in NonOneMeg.

Known Issues

- Registration and Licensing issues for Japanese and Korean customers (Target Release 1.8.6).
- GNS formats serial number display in file manager (Target Release 1.8.6).
- Comparison report shows few records as changed even though the detailed difference data looks identical (Target Release 1.8.6).

OneNav+ Version 1.8.4 Release Notes

Date: 07/08/2013

Key Improvements

- Performing CRC while writing the NavDB contents to the media/disk.
- Exporting decoded data as an image, this feature is included as a part of decode license.
- E-mail interface provided to report the issues/enhancements.
- Auto loading of tailored databases for BGA301 loadables.

Issues Fixed

- Airways record count mismatch in NonOneMeg format.
- Negative values display for ILS bearing in Flex format.
- CoRte data (showing destination airport twice) fix in Flex format.
- PER RES MESSAGE data fix in OneMeg APF.
- Altitude resolution fix in C130 IMP format.
- FOM data mismatch in HT formats.
- Runway data fix in GNS-IDB format.
- AirportCom data fix in Olathe formats.
- Olathe KLN89 database crash while importing.
- Olathe KLN94 procedure runway fix.

OneNav+ Version 1.8.3 Release Notes

Date: 05/02/2013

Key Improvements

- FAF (Final Approach Fix) field is added for OneMeg format.
- Multiple records can be archived at a time from a difference viewer.
- Records can be archived from a NavDB-Archive difference viewer to the current archive.
- APPR and APPTRN records ordering in OneMeg format.
- Vx/Cx convention for Vx and Cx path terminators in NonOneMeg.
- Display of CTR (Constant Turn Radius) in Flex format.
- Feature to print the selected records from the decode/archive view for the users having export license.
- Up and Down arrows in the difference viewer shows the true changes.
- End user license agreement is included while exporting a NavDB.
- Floppy write dialog is updated with OK option only.

Issues Fixed

- Flex holding pattern altitude discrepancy.
- Procedure/Alternate/Gate/Runway exist data discrepancy for On Delete Airport records in flex format.
- SID/STAR route type display discrepancy in NonOneMeg.
- Multiple procedures search dialog disappearance for every unsuccessful search.
- CD writing failure message false appearance.
- End of airway splitting for the airways whose last leg is On Change.
- Display of both Airport and Waypoint records which are of same ident in a CoRte.
- Overfly data discrepancy in GNS-PRNAV format.

Known Issues

- Export current view has a limitation of exporting up to "Five Hundred Thousand" records.
Alternate Solution: The users can export the NavDB using "Export NavDB" option.

OneNav+ Version 1.8.2 Release Notes

Date: 03/11/2013

Key Improvements

- IAF, Level of Service fields added in BGA 301 format for KSN 770.
- Able to load latest NGFlex A665 loadables.
- Approach transition ident in the place of Procedure ident, when the Procedure is an approach transition.
- Auto notification of OneNav+ version update is replaced with Check for Updates in the Help menu.
- Updating the existing comparison report instead of regenerating/reloading every time.
- Able to open respective Decode/Archive data view from the Comparison difference view.

Issues Fixed

- Data querying through Search menu.
- Company route count discrepancy when no records exist.
- Company route via airway plotting discrepancy.
- Company route index table decode discrepancy.

Known Issues

- Honeywell AES website is not opening in OneNav+ for few users.
Alternate Solution: The users can download the NavDB directly from the web browser to their systems, and load into OneNav+ through **Menu (Import NavDB) -> From File.**
- Export current view has a limitation of exporting up to 5 lakh records.
Alternate Solution: The users can export the NavDB using “Export NavDB” option.

OneNav+ Version 1.8.1 Release Notes

Date: 01/15/2013

Key Improvements

- Limit comparison options are provided for NavDB-NavDB comparison.
- Upgrading the user archives to match up with the latest schema changes.

Issues Fixed

- ALT1 and ALT2 field values toggling on the column resize.
- APF comparison differences.
- Duplication of custom procedures.
- Gates exist field update in Airports.

Known Issues

- Honeywell AES website is not opening in OneNav+ for few users.
Alternate Solution: The users can download the NavDB directly from the web browser to their systems, and load into OneNav+ through **Menu (Import NavDB) -> From File.**

OneNav+ Version 1.8 Release Notes

Date: 11/15/2012

Key Improvements

- Search data for multiple idents in a data view by separating the idents using a comma.
- Company Route plotting in FLEX databases is updated to match with all other formats.
- Reduced icon sizes while plotting Airports, Nav aids, NDBs and Waypoints in the world map view.
- Enhanced “Find fix” option in the world map combined plot.
- Made unified color scheme for Deleted fixes in the world map combined plot.
- Flex procedures ordering by RevCode (Cycle number).
- Plotting Company Routes in the world map combined plot along with Airports, Nav aids, NDBs and Waypoints.

- APF data is made consistent.
- Double click on any table in the decode/compare/archive summary view open up all the records exist in that table.
- Double click on any data view in the bottom pane open up map view.

Known Issues

- Honeywell AES website is not opening in OneNav+ for few users.
Alternate Solution: The users can download the NavDB directly from the web browser to their systems, and load into OneNav+ through **Menu “Import NavDB -> From File”**.
- Duplication of custom procedures for on change airport records.

OneNav+ Version 1.7 Release Notes

Date: 10/04/2012

Key Improvements

- Help manual is updated with the latest features till date.
- AIF ident added in NGFlex approaches.

Known Issues

- Honeywell AES website is not opening in OneNav+ for few users.
Alternate Solution: The users can download the NavDB directly from the web browser to their systems, and load into OneNav+ through **Menu “Import NavDB -> From File”**.

OneNav+ Version 1.6 Release Notes

Date: 08/23/2012

Key Improvements

- Loading of ISO images.
- Plotting tool bar menu for Zoom In, Zoom Out, Pan and World Map.
- Keyboard shortcuts (Ctrl + arrow up / arrow down) for Zoom In and Zoom Out.
- Distinguish between procedures having transitions and not having transitions with different colors in procedure plot view.
- Showing FAS airport backward reference pointer for BGA 301.

Known Issues

- Honeywell AES website is not opening in OneNav+ for few users.
Alternate Solution: The users can download the NavDB directly from the web browser to their systems, and load into OneNav+ through **Menu “Import NavDB -> From File”**.

OneNav+ Version 1.5 Release Notes

Date: 07/27/2012

Key Improvements

- Runway Threshold crossing height field is added in BGA 301.
- Ability to load NGFlex loadables.
- Tools menu for procedures.
- Table names in decode and compare view sync up with legacy OneNav.
- Archive creation from compare summary view.
- Plotting UI enhancements for zoom level retention, usage of shortcut keys from keyboard for easy navigation, scroll through the plotting view using direction arrow cursors.

Issues Fixed

- Fixed deleting records of network archive and differentiated the local archives from network archives in file manager.

- Addition of empty records / Creation of large size files / system crashing issues are fixed while exporting NavDB to txt and csv formats.

Known Issues

- Honeywell AES website is not opening in OneNav+ for few users.
Alternate Solution: The users can download the NavDB directly from the web browser to their systems, and load into OneNav+ through **Menu “Import NavDB -> From File”**.
- ISO images will not be directly loaded into OneNav+.
Alternate Solution: Open a web browser, logon to AES website, download iso image to users’ desktop, write iso image directly to a CD drive using any CD writing software (Nero/Roxio etc.). User will find a folder copied to the CD drive. Open OneNav+ file manager, from the Menu “Import NavDB -> From File”, browse through CD drive folder structure, select the data file and load. User will be able to see the NavDB details in the file manager and can decode.

OneNav+ Version 1.4 Release Notes

Date: 06/27/2012

Key Improvements

- ISO image files (BRGA00) loading from a CD drive.
- NGFlex low RNP procedure identification.

Issues Fixed

- Export of procedures in OneMeg, NonOneMeg and BRGA formats.

Known Issues

- Honeywell AES website is not opening in OneNav+ for few users.
Alternate Solution: The users can download the NavDB directly from the web browser to their systems, and load into OneNav+ through **Menu (Import NavDB) -> From File**.

OneNav+ Version 1.3 Release Notes

Date: 06/01/2012

Key Improvements

- Order of procedures is made consistent across all the NavDB formats.
- New RNP via types in flex format are mapped to the existing via types.
- A feature is added to toggle the Lat/Long fields in all the formats.
- Qualifier1 field is added in NGFlex procedures.
- RNP requirements are added to detect SAAAR issues.
- End user license agreement is added during the registration/renew/upgrade.
- Auto notification of the newer version/release availability on the AES web.
- Compare and Archive features are combined under single license.
- ‘navdb.flx’ files renaming with serial number for NGFlex formats.
- Connect to a network drive to import the shared archive files to the file manager.

Issues Fixed

- RNP value rolling in flex formats, RNP display for BGA 301.
- Embraer NavDB’s loading, C130 DAFIF loading.
- Virtual MAC IDs handling in licensing.
- NavDB-Archive comparison shows changed records, they are actually identical.

Known Issues

- Honeywell AES website is not opening in OneNav+ for few users.

Alternate Solution: The users can download the NavDB directly from the web browser to their systems, and load into OneNav+ through **Menu (Import NavDB) -> From File**.

OneNav+ Version 1.2 Release Notes

Date: 05/04/2012

Key Improvements

- Showing related CoRoutes, Airways and Procedures for fix (NDBs, Nav aids and Waypoints) table records.
- Installation allows the user to select the installation path and also updated the installation guide to reflect the new changes.
- All the plotting functionality except procedures is included in the basic decode license.
- Flex RNP AR update.

Issues Fixed

- Flex Company routes decode and plotting.
- BGA Company routes plotting, BGA FMS ident display in the file manager.
- Cs/Hd, FPA and RNP decode & display in procedures.
- NGFlex procedure (turn direction) plotting.
- APF decode in NonOneMeg.
- Time/Dist in holding patterns, Runways MagBrg.

Known Issues

- GNS EDB and C129 waypoints comparison shows few added/deleted records even though they are identical.
- Honeywell AES website is not opening in OneNav+ for few users.
Alternate Solution: The users can download the NavDB directly from the web browser to their systems, and load into OneNav+ through **Menu (Import NavDB) -> From File**.

Note: For the flex databases which are already available in the file manager, load and decode them afresh to view the new RNP AR updates.

OneNav+ Version 1.1 Release Notes

Date: 04/17/2012

Key Improvements

- B777 CD format NavDB loading and decoding.
- Help manual updated to cover the detailed registration process, export difference view, export current view, diff between normal and gold archive, write to drive updates, copy paste feature for export licensed users and linkage from airports to procedures plotting.

Issues Fixed

- Swapped procedure legs are interpreted as changed records in comparison.
- Fixed NonOneMeg airways plotting.
- Cs/Hd display in procedures is fixed.

Known Issues

- Honeywell AES website is not opening in OneNav+ for few users.
Alternate Solution: The users can download the NavDB directly from the web browser to their systems, and load into OneNav+ through **Menu (Import NavDB) -> From File**.

OneNav+ Version 1.0 Release Notes

Date: 04/02/2012

Key Improvements

- Fully functional final release.

Known Issues

- NavDB download from website feature is not working for the users who connect to the internet through proxy settings.

Alternate Solution: The users can download the NavDB directly from the web browser to their systems, and load into OneNav+ through **Menu (Import NavDB) -> From File**.

Note: If the users are already using any beta versions of OneNav+, after upgrading to 1.0 version, please delete all the existing NavDB's and archives from the file manager and use the application afresh.