

EASy II Upgrades for Falcon Flight Decks



Make the most out of your
EASy cockpit

Honeywell

 **DASSAULT**
FALCON

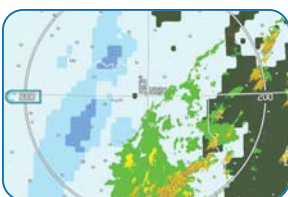


Every day is a sunny day on SmartView™ — Honeywell’s award-winning Synthetic Vision System

Honeywell, in partnership with Dassault Falcon has developed EASy II. EASy II is a feature and technology-packed upgrade for both new production and in-service EASy equipped Falcons.

Honeywell’s SmartView – Synthetic Vision System for EASy-equipped Falcons is a revolutionary safety feature that synthesizes key information throughout the cockpit and presents it in one comprehensive, easy-to-understand display on the crew’s Primary Displays Unit (PDU). SmartView is based on the reliable foundation of Honeywell’s Enhanced Ground Proximity Warning System (EGPWS) terrain database. The integration of the EGPWS data with advanced Head Up Display symbology renders a comprehensive and natural image of terrain, runways and obstacles that improves the crew’s confidence and situational awareness, especially when flying near mountainous terrain or to unknown destinations.

- Displays a natural 3D rendering of terrain with unparalleled resolution, providing a view that crews would normally see on a clear day
- Head Up Display (HUD) symbology and the flight path symbol helps crews intuitively understand where the aircraft is going and makes energy-management of the aircraft a natural task
- The display of obstacle data improves the crew’s situational awareness in critical flight phases
- Detailed runway symbology and extended runway centerline feature helps the crew locate airports and navigate to more accurate landings



Graphical Weather



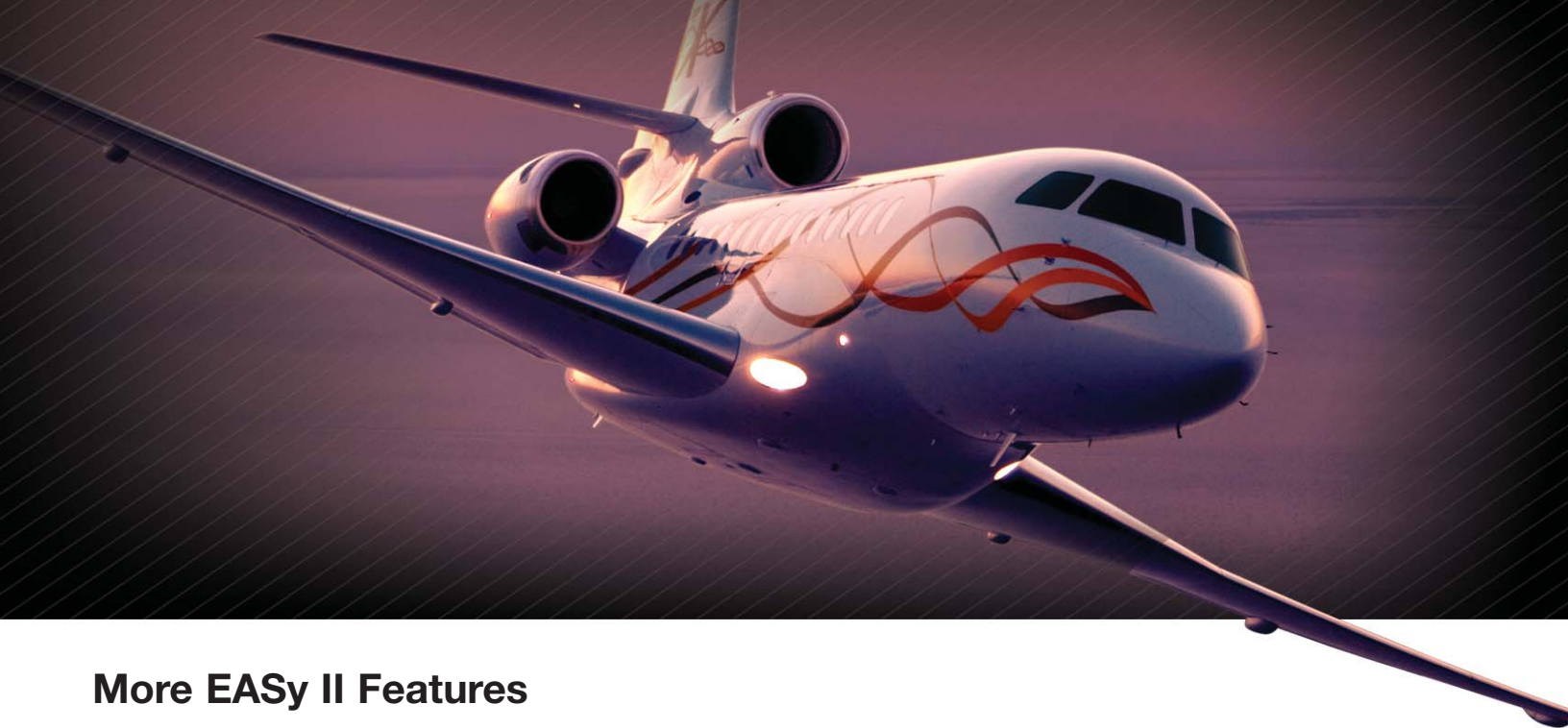
Paperless Charts



SmartView Synthetic Vision



SmartView Synthetic Vision



More EASy II Features

Wide Area Augmentation System – Localizer Performance with Vertical Guidance (WAAS-LPV)

- Offers lower minimums than standard LNAV/VNAV GPS approaches
- Near ILS Category I minimums with no ILS on the field
- Meets future ADS-B requirements with WAAS GPS sensor
- Compatible in European Geometric Navigation Overlay System (EGNOS) and other future Space-based Augmentation System (SBAS) regions

Required Navigation Performance – Special Aircraft Aircrew Authorization Required (RNP-SAAAR)

- Better access to high traffic or terrain-challenged airports
- Enhanced safety in unfamiliar airports
- Coupled, curved path guidance (lateral and vertical) with lower minimums than standard GPS procedures
- Improved airway join function
- Automatic set up of approaches enable seamless transitions between enroute and approach modes

Future Air Navigation System (FANS-1A)*

- Air Traffic Services (ATS) Facilities Notification (AFN)
- Automatic Dependent Surveillance-Contract (ADS-C)
- Controller/Pilot Data Link Communication (CPDLC)

- Reduces crew workload
- Saves fuel with more efficient oceanic routing
- Up-link clearances accepted directly into flight plan
- Less delay on the ground with solid departure times when flying oceanic routes

SmartRunway™ (Runway Awareness Advisory System (RAAS))

- Provides improved situational awareness to help lower the probability of runway incursions by providing timely aural advisories to the flight crew during taxi, takeoff, final approach, landing and rollout
- Uses Honeywell's worldwide terrain and runway database, which has proven itself for over 600 million flight hours

Paperless Charts at Your Fingertips

- Assures complete Jeppesen terminal area charts availability, ushering in an era when paper charts are left on the ground
- Retains all the advantages of Honeywell charts and maps by enhancing situational awareness, improving overall safety and reducing pilot workload with quick access to charts linked to the current flight plan

Automatic Dependent Surveillance Broadcast (ADS-B Out) Transponder

- Provides position and intent broadcast from aircraft to ground
- Supports future mandates and ADS-B in applications

Automatic Descent Mode

- Integrated safety feature that automatically activates in the event of cabin depressurization at high altitudes
- Safeguard for crew
- Autopilot guides aircraft to a safe altitude at maximum velocity
- Peace of mind for business jets operating at high altitudes

Second Electronic Checklist

- Dispatch improvement
- Paperless checklist enables paperless cockpit
- Provides a high-level of redundancy in the event of loss of electronic checklist

XM® Graphical Weather

- Always-on display of graphical weather enables strategic route planning around adverse weather conditions leading to on-time arrivals and fuel savings
- Graphical weather improves passenger comfort and allows the crew to optimize cruising altitudes with winds aloft data

Global Customer Support

Honeywell's avionics are based on proven technology providing exceptionally high reliability and simplified maintenance. To help ensure optimal operation conditions, Honeywell provides comprehensive installation consultation and support tailored to the unique needs of each operator. Additionally, our product support services include regularly scheduled maintenance and pilot training courses and support documentation. When service is needed, our customer support engineers and service centers are strategically located around the world to provide efficient, responsive support. Honeywell remains unsurpassed in the scope and variety of services, which range from SPEX exchange of line replaceable units to personalized service contract designed to fit the resources and circumstances of every operation regardless of size.

EASy II Upgrades	
Basic Upgrade	Options
<ul style="list-style-type: none">• 9-13 modules (dependent upon aircraft configuration) each with new warranty• Temperature compensation• SmartRunway (Runway Awareness and Advisory System) (available only on retrofit installations)• Second Electronic Checklist• Required Navigation Performance Special Aircraft and Aircrew Authorization Required (RNP/SAAAR) 0.3• Take Off and Go Around (TOGA)	<ul style="list-style-type: none">• SmartView Synthetic Vision System• XM® Graphical Weather• ADS-B Out• FANS 1A/CPDLC (FMS)• SmartRunway (Runway Awareness and Advisory System) (available only on forward fit installations)• Automatic Descent Mode• Paperless Charts• Wide Area Augmentation System- Localizer Performance with Vertical Guidance (WAAS-LPV)• Required Navigation Performance – Special Aircraft and Aircrew Authorization Required (RNP/SAAAR) 0.1

XM is a registered trademark of XM Satellite Radio.

* FANS 1A capability for F900 series will be supported in a follow-on certification

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