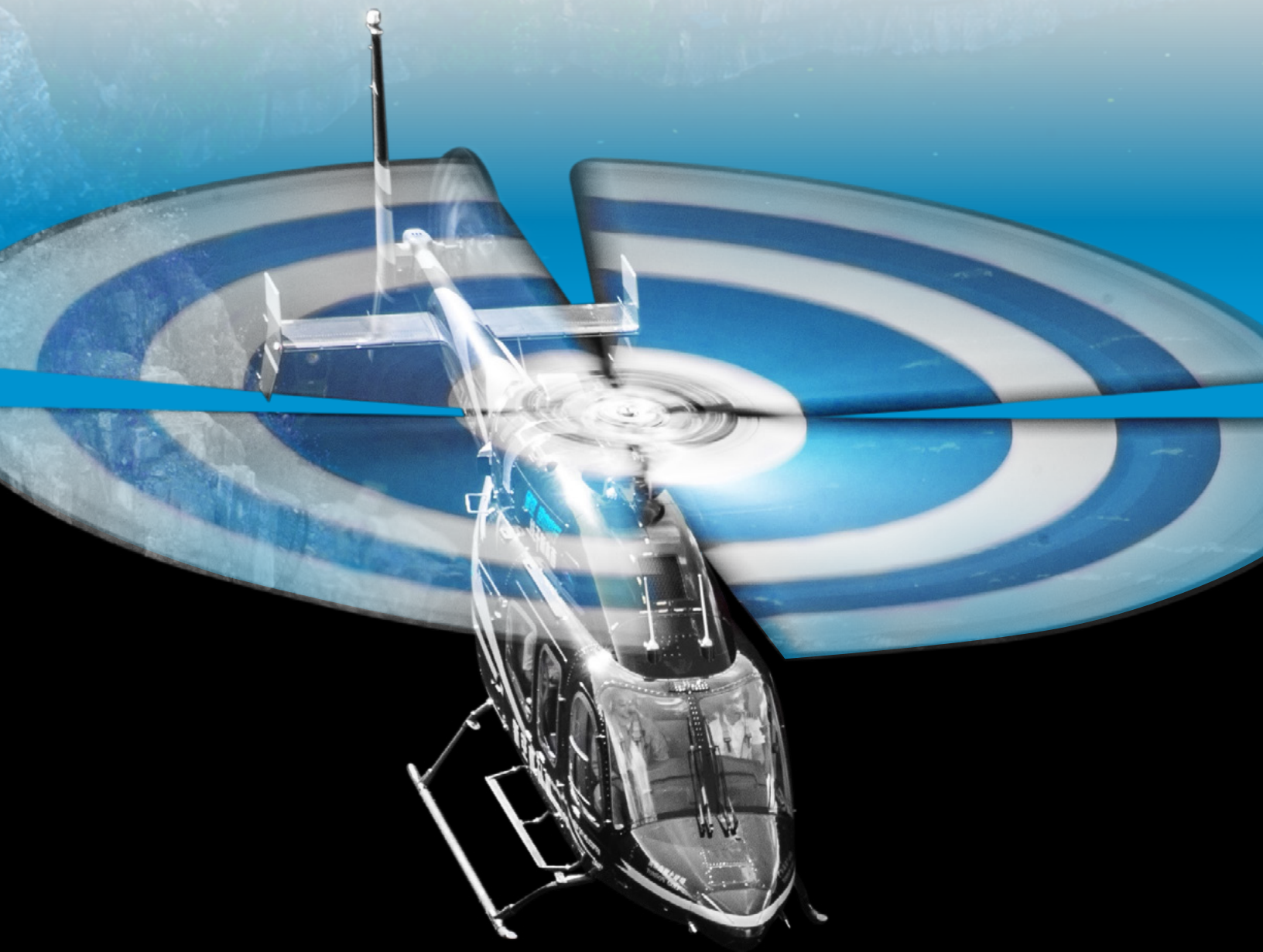


BELL 429 | 412EPX

INTEGRATED FLIGHT DISPLAY SYSTEM



Astronautics

BADGER

PRO+



FAMILIAR BUT LOADED WITH NEW FEATURES

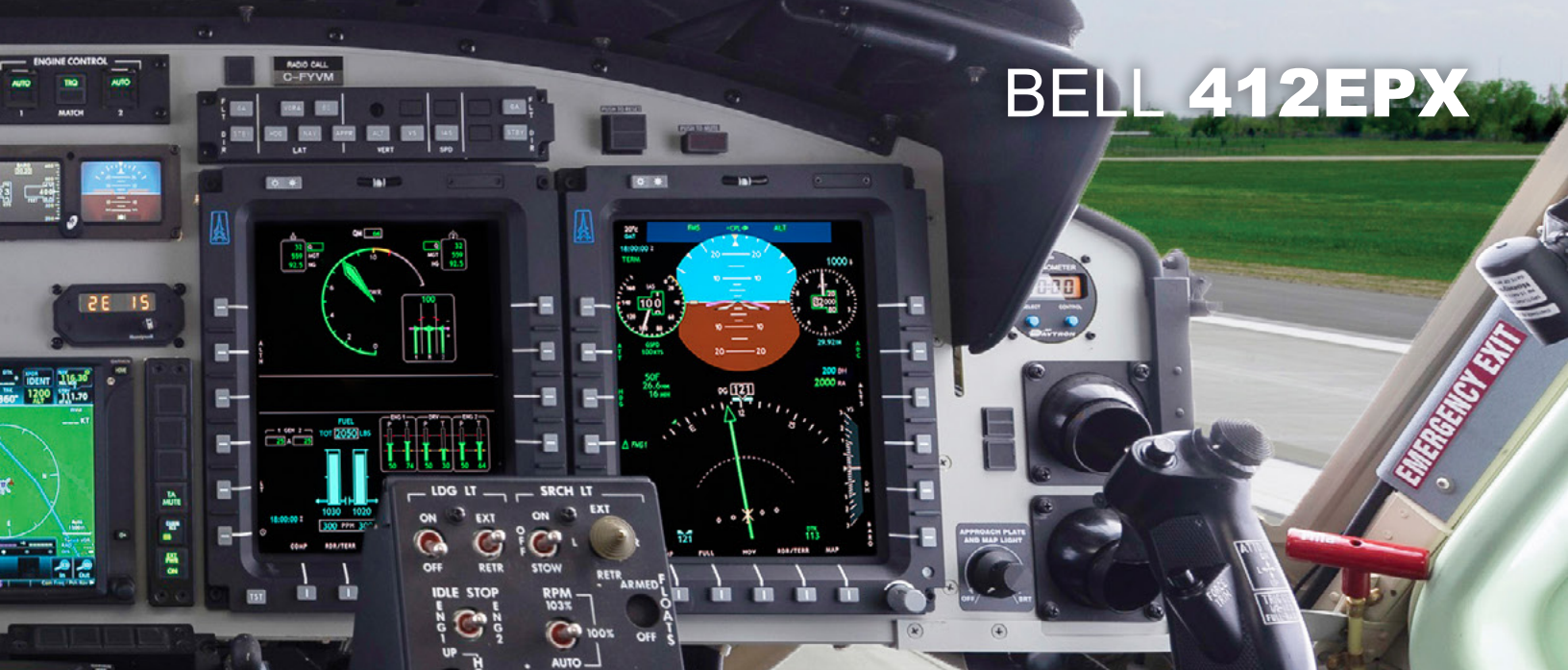
NOW INCLUDING

HD VIDEO

& ADDITIONAL VIDEO CAPABILITIES:

- 8 different orientations
- Vertical & horizontal justification
- Pan, zoom, & rotate capability
- Overlay hover, heading, & height info





ENHANCED FEATURES

- ✓ Brighter, higher contrast ratio display
- ✓ Flight director status area improvements
- ✓ LED-based night vision goggle compatibility
- ✓ Outlined graphics & character fonts

OPERATIONAL SAVINGS

- ✓ 10-20x faster maintenance data download
- ✓ 2.7 lbs. per display weight reduction
- ✓ Sealed unit with passive cooling, no fans
- ✓ >25,000 mean time between failures

NEW CAPABILITIES

- ✓ Full screen HD video with advanced capabilities
- ✓ New advisory vertical approach capability
- ✓ Additional heading modes
- ✓ 429-specific new capabilities
 - Autopilot restoring climb-out when go-around pressed
 - LED light on flight director control panel confirming mode selection



PRODUCT SPECIFICATIONS



HD VIDEO

RGB/YPbPr
RS-170A

DVI-D 1.0
SMPTE 292M

DISPLAY

Viewable Area: 6-inch x 8-inch
Resolution: XGA 1024 x 768
Viewing Angle: >±70° H & V (CR>10:1)
Luminance: 0.05 fL to 200 fL
Contrast Ratio: >7.1 in 10k fc ambient

INTERFACE

ARINC 429 in/out
ARINC 453 input
Discrete in/out

RS422 in/out
RS-232 full-duplex
Analog in/out

CERT

FAA TSO-C113a
*Inquire about all
additional relevant
FAA TSOs*

DO-160G
DO-178B, Level A
DO-254, Level A



DIMENSIONS

10.8" H x 8.7" W x 8.8" D



POWER

28VDC 45W NOM.



WEIGHT

12.6 LBS. PER DISPLAY



BELL 429

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