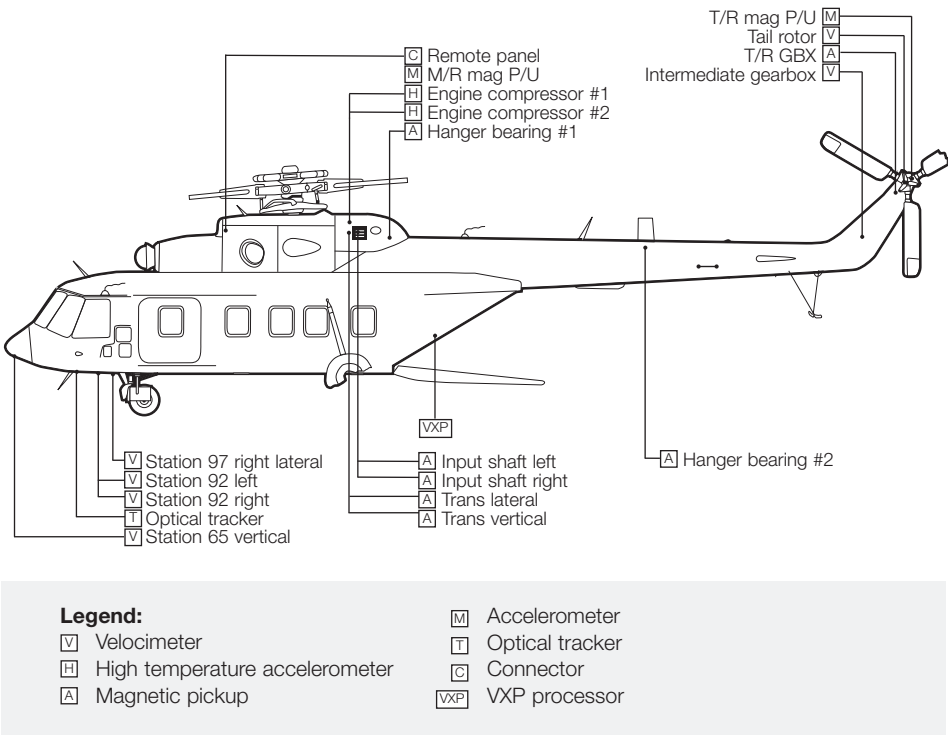


ZING® – THE TOTAL CONDITION-BASED  
MAINTENANCE SOLUTION FOR THE Mi-17



Channel Partner



AVM Solutions (Kelowna) Inc. offers over 12 years of experience working with the Russian aviation industry, primarily with Mil Design Bureau and Kazan Helicopters. AVM provides a low-risk, proven and cost-effective solution for a complete “western style avionics” upgrade on the Mi-17 helicopter.

Find out more

For more information about the Mi-17 Helicopter cockpit upgrade options, please contact +49 89 3581 3332.

Honeywell Aerospace

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Zing® provides operators with a range of diagnostic tools to keep equipment at optimum operating condition. Zing is a scalable system of on-board sensors that capture vehicle health data on mission-critical components and suggest maintenance procedures to increase readiness for the entire fleet and decrease vehicle maintenance costs.

Benefits for Operators:

- Increased helicopter availability through early detection and repair
- Reduced maintenance and operations cost through directed maintenance actions
- Enhanced safety through performance and trend monitoring

Logistics

Honeywell offers tailored, focused logistics plans specific to customer needs. Honeywell partners with customers and vendors to provide customer-specific, flexible solutions that provide the right level of maintenance, repair and overhaul, logistics and equipment solutions. Benefits for the operator:

- Enables operational readiness through field support
- Provides life-cycle cost reduction with tailored supply chain solutions
- Improves product effectiveness with integrated reliability management and advanced repair technologies



Mi-17 Helicopter Cockpit Upgrade



PRIMUS EPIC™ CDS/R

Providing pilots with a better  
view through the only  
Mil Design Bureau certified  
western glass cockpit system



# Primus Epic™ CDS/R

## Integrated Displays, Flight Management, Navigation, Safety Systems, Flight Controls

Honeywell's Primus Epic™ CDS/R provides advanced flight deck functionality, improved situational awareness and increased system flexibility. The Epic system features large flat-panel displays, modular avionics, a fully functional helicopter FMS and a four-axis autopilot.



Original Cockpit

Primis Epic™ CDS/R



Each Primary Flight Display is capable of replacing 10 conventional instruments:

- ADI
- HIS
- ASI
- RMI
- DME
- Radar Altimeter
- Altimeter
- Radar Indicator
- VSI or VSI/TRA
- Alt Preselector

The Primary Flight Display integrates multiple sensors into one display:

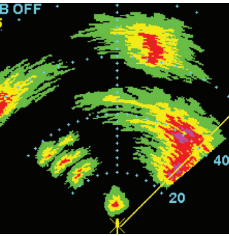
- Navigation Map
- TCAS Traffic
- EGPWS
- Wx Radar
- Checklist
- Drop-Down Menus
- Standardized Controllers
- Growth Into Synthetic Vision

Flight Management
Flight Planning
Dual Air Data
Multi-Sensor Navigation
Performance (fuel)
Helicopter Performance
Navigation
VOR/LOC/GS/MB
DME (6 channels), ADF
GPS Radio Altimeter
Displays
4 LCDs (8x10 Portrait)
2 PFDs
2 MFDs
Video
Safety Systems
Crew Alerting
Aural Warning
EGPWS (TAWS)*
TCAS (TCAS I)*
Weather Radar – 660 or 701*
Lighting Sensor*

Flight Controls
SAS
3-Axis AFCS (Standard)
4-Axis AFCS*
F/D
Dual AHRS
Integrated Maintenance
Equipment Diagnostics
Trend Monitoring
Exceedance Recording
Communications
VHF Communications
HF Communication*
Crew Intercom

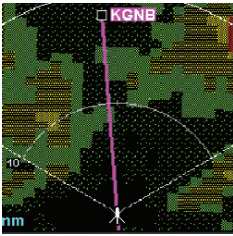
\*Optional Equipment

## HONEYWELL'S Mi-17 COCKPIT PRODUCTS



Primus®  
700A/701A  
Weather  
Radar

Provides a clear view of the weather for continuous flight operations in IMC weather conditions. Rainfall intensity levels are displayed in four brilliant colors contrasted against a black background. The result is a crisp display that makes any target readable under any cockpit lighting condition.



Helicopter  
Terrain  
Awareness  
Warning  
System  
(Enhanced Ground  
Proximity Warning  
System)

Honeywell's warning systems minimize risks and maximize reaction time by constantly and unobtrusively monitoring terrain and obstacles in proximity of the helicopter. The Mark XXI/XXII's helicopter-specific alerting algorithms and a high-resolution database – covers 100 percent of the world – of terrain and obstacles deliver accuracy at any altitude. Pilots always have precision-tuned guidance that enhances their situational awareness, reduces the risk of CFIT incidents and brownout and minimizes false alarms.



Traffic-Alert and  
Collision  
Avoidance  
System (TCAS)

TCAS serves as a moving line of defense against midair collisions and it dramatically increases situational awareness on the flight deck. Honeywell's TCAS is the perfect predictive tool, wherever you fly. It helps extend crew awareness further in front of the aircraft, provides traffic alerts and resolution advisories, and it directs the pilots' visual scan, revealing targets they might otherwise miss.