



F-16 Brake Control System Upgrade

The F-16 upgrade will feature Crane's Mark V Brake-By-Wire technology to provide improved Safety, Reliability, and Performance, while reducing Maintenance and addressing Obsolescence

The F-16 upgrade will include a new Brake Antiskid Control Unit (BACU), Brake Control Valve Assembly (BCVA), and Wire Harness supplied by Crane

Building on a decades long partnership which included brake control system upgrades for the C-130 and B-52 programs, Crane has been selected to upgrade the USAF F-16 fleet

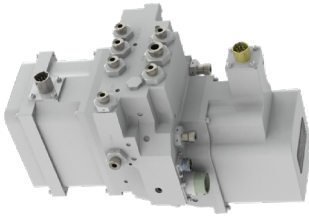
Crane has over 75 years of experience in providing brake control systems, with more than 30,000 systems in operation today



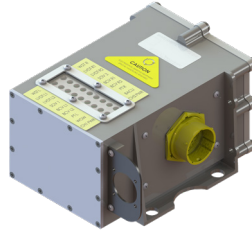
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Brake Control Valve Assembly



Brake Antiskid Control Unit



Wheelspeed Transducer

- Interfaces with existing aircraft architecture as a form & fit replacement for ease of installation
- Added redundancy eliminates single point failures for improved safety
- Eliminates ground support equipment for data retrieval improving aircraft availability
- Addresses existing obsolescence ensuring product support for life of system
- Resolves existing operational issues with two seat-aircraft mitigating safety mishaps
- Provides industry leading braking efficiency under all stopping conditions reducing stopping distances
- Antiskid control loop closure improving performance and fault detection
- Individual wheel control providing optimum landing performance
- Fault detection display providing ease of fault isolation for maintenance

Crane P/N	Description	Qty/SS	Comments
142-259	Brake Antiskid Control Unit (BACU)	1	New component
142-25990	Wire Harness	1	New component
33-261	Brake Control Valve Assembly (BCVA)	1	New component
140-279	Wheelspeed Transducer	2	Previous Retrofit - TCTO 1F-16-2506

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