

# EAGER-PAK® ASSEMBLY

# COBHAM

Part Number 1811-151

The most important thing we build is trust



## Applications

Pressure wing deployment, fuel tank pressurization, marine floatation systems, missile fin actuation, etc.

## Physical Specifications

Part Number	1811-151
Materials:	
Valve Body	6061-T6 Al, blue anodized
Ram	304-SST
Bottle	per MIL-C-25369, Type II
Operating Pressure	3000 psig
Proof Pressure Maximum	5000 psig
Burst Pressure Minimum	8000 psig
Temperature Range	-65°F (-53°C) to +160° F(71°C)
Weight	0.58 lb (0.26 kg)

## Performance Characteristics

- High reliability
- Long service life (10 years)
- Fully qualified
- EMI tested
- Lightweight
- Custom configured to fit envelope requirements
- Hermetically sealed bottle
- Environmental stability

Explosively Actuated Gas Energy Release (EAGER-PAK®) Assembly is a highly-reliable stored gas device with multiple applications. Explosive actuators are devices in which a triggering signal initiates a chemical explosive that causes a rapid and powerful mechanical action. The triggering signal is usually electronic. When the device is initiated, a small piercing ram is driven forward puncturing the gas bottle diaphragm. The pressurized Nitrogen gas is contained within a hermetically sealed bottle. When the gas is released, it causes a mechanical action to occur within milliseconds.

The EAGER-PAK® is fully qualified, EMI tested, lightweight and custom configured to fit the envelope requirements.

Cage Code 62323

For further information please contact:

**Cobham Life Support**  
2801 75th Street North  
St. Petersburg, FL 33710 USA

Tel: +1 (727) 345 8000

Fax: +1 (727) 345 4217

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