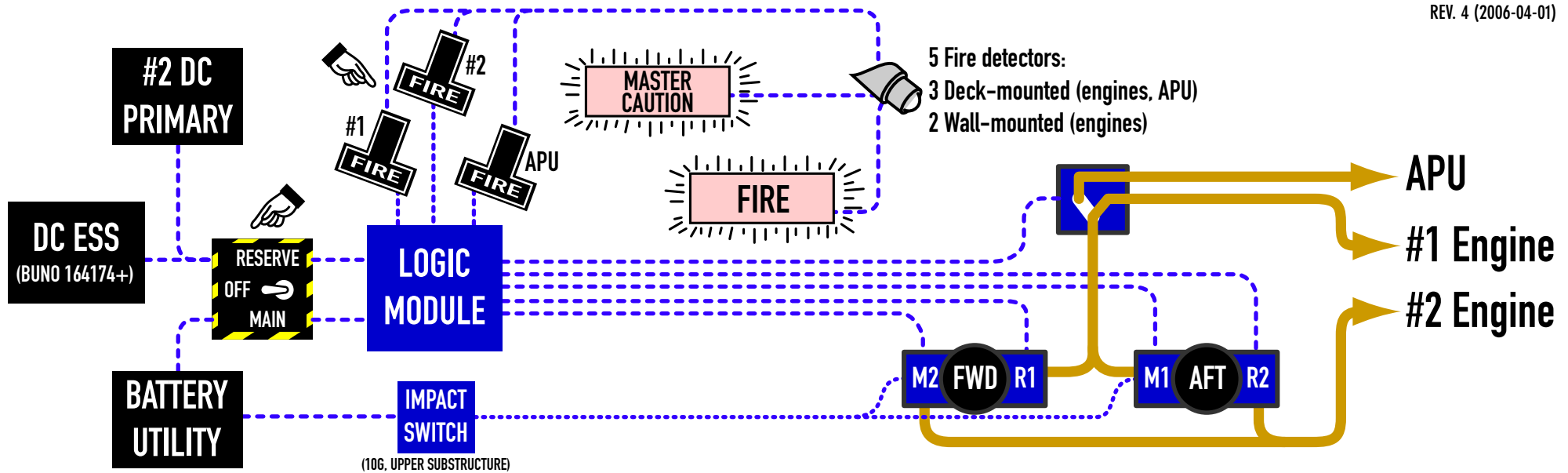


# SH-60B ENGINE & FIREFIGHTING SYSTEMS

Bryan's Gouge @ www.bryanweatherup.com

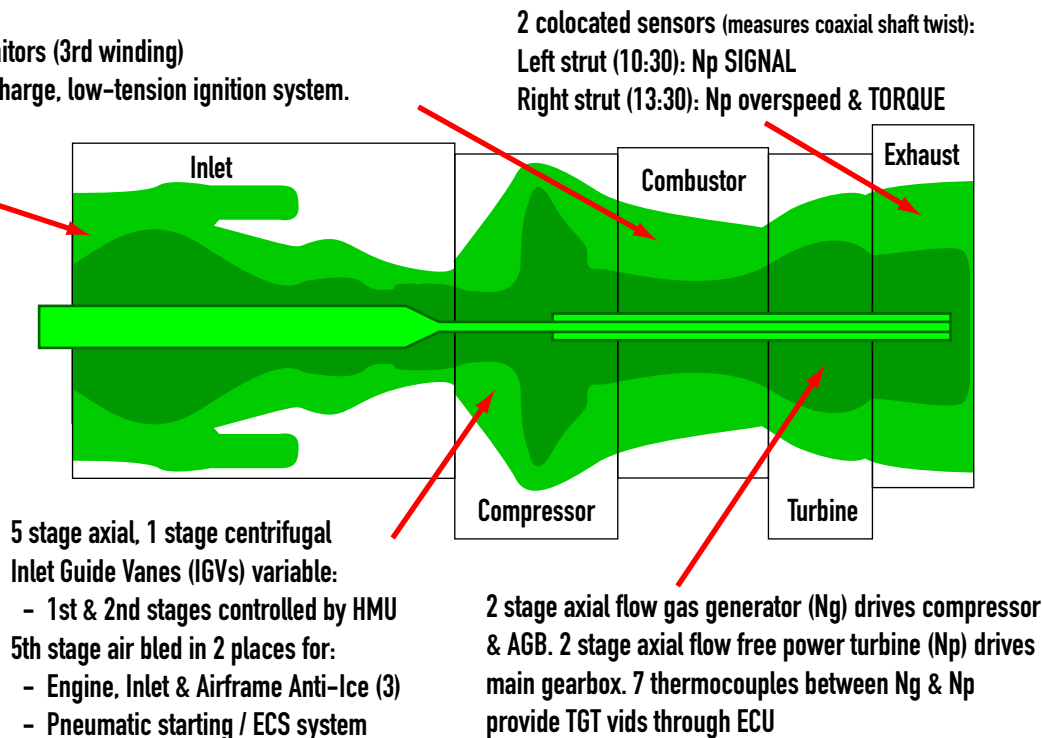
REV. 4 (2006-04-01)



Annular chamber, 12 fuel injectors, 2 ignitors (3rd winding)  
Intermittent, AC powered, capacitor discharge, low-tension ignition system.

Mounting point for AGB  
12 fixed swirl vanes  
Integrated Inlet Particle Separator (IPS)  
- Engine driven blower assembly  
- Collection scroll

**CAUTION**  
Operation in yellow light region of VIDS may be limited to 2.5 minutes. Operation below high temp level [RED] region may result in overtemperature. Monitor digital readout.



Pneumatic start by APU OR Engine >90% Ng.  
Ignitors On until start dropout, 52-65% Ng. Start cycle defined as start initiation, output drive acceleration, and starter dropout

Engine Anti-Ice\* on when:  
1. Switch is ON  
2. De-Ice Master AUTO, ice detected  
3. Engine <90-94% Ng.  
\* Engine output torque reduced by 18 -49%



Airframe Inlet Anti-Ice\*\* opened when:  
1. Anti-Ice SOLENOID & OAT <4°C-13°C  
2. Auto De-Ice circuitry  
\*\* Engine output torque may be reduced by 20% and fuel consumption increases by up to 45 lbs/hr.