

ROCKET MOTOR STAGING		
STEPS	HAZARDS	CORRECTIVE ACTION
Deliver motor to launch pad.	Motor cart fails causing motor to fall resulting in death or serious injury to personnel or loss of high value hardware/equipment.	Certification of motor cart. Certification of personnel.
Align motor under launch rail.	Motor cart fails causing motor to fall resulting in death or serious injury to personnel or loss of high value hardware/equipment.	Certification of motor cart. Certification of personnel.
Assemble lifting hardware (slings, chain hoists).	Dropped chain hoist causes serious injury to personnel.	PPE (steel toed shoes).
Lift motor, using chain hoists, until launch lugs engage with launch rail.	Chain hoist/slings fail causing motor to fall resulting in death or serious injury to personnel or loss of high value hardware/equipment.	Certification of lifting hardware. Certification of personnel.
Slowly slide motor back until the aft launch lug contacts the rail stop.	Chain hoist/slings fail causing motor to fall resulting in death or serious injury to personnel or loss of high value hardware/equipment.	Certification of lifting hardware. Certification of personnel.
Release tension on the chain hoists until slings are no longer in contact with the motor.	Launch lugs/launch rail failure causing motor to fall resulting in death or serious injury to personnel or loss of high value hardware/equipment.	Launch lug installation according to approved procedure. Certification of the launch rail. Certification of personnel.