



Aircraft: _____

Purpose: _____

Date: _____

VAW-117 Aircraft Jacking/Drop Check Pre-OP Checklist
This checklist supplements NAVAIR-01-E2AAA-2-1

Maintenance Control Chief; Name: _____

- What kind of jacking is expected? Is it the main mount or whole aircraft?
- Review ADB, Address outstanding discrepancies that could affect jacking the aircraft
- Ensure aircraft gross weight is less than 47,600 pounds (less than 5000 pounds of fuel).
- Conduct an ORM brief
 - Identify Hazards: Weather (Is the aircraft tied down and facing into the wind? Afloat – are the minimum number of tie downs available? What is the sea state and will it impact a safe evolution?), Crew Day, lighting, trouble shooting, is there sufficient clearance? If the aircraft is going to be jacked for an extended period of time, Are jack PM dates current? Drop Checks: Qualified technicians in the cockpit.
 - Assess the Hazards: What can go wrong? What are the consequences? Are we prepared to deal with those consequences?
 - Make Risk Decisions: Are there any reasons not to proceed with the Aircraft jacking? Are the risks acceptable?
 - Implement controls: Do we have enough manning for each aircraft jack and tie downs? Is there a safety line around the aircraft to prevent unauthorized personnel from entering the safety zone? Are all access panels and doors installed and secure? Use only clear, standardized hand signals.
 - Supervise: Complete this form; do not deviate from the plan, re-brief the evolution as required.

On location of aircraft jacking procedures:

Jacking Supervisor; Name: _____

- Brief the sequence of events to all involved.
- Ensure QAR is present during jacking, cycling landing gear and lowering of aircraft.
- Brief contingencies, e.g., a failed jack in the down or up position; if there is an emergency in the vicinity of a jacked aircraft, landing gear fails to extend.
- Ensure all Support Equipment is spotted appropriately and that all operators are licensed appropriately and carry a valid yellow license. "JENNY" Patch Tested?
- Afloat: Ensure Flight Deck Control has been notified and given its approval. Are the jacks tied down? Is there a yellow shirt present?
- Afloat: Is there a fully charged Raf?
- Afloat: Are all chain extenders clear of strut movement paths and aft main landing gear doors?

This aircraft jacking will be accomplished using all applicable instructions and directives.

Maintenance Control Chief

Jacking Supervisor

X _____

X _____

Enclosure (4)