



NV Wing Supplement 6

CAPR 66-1

15 May 2016

Aircraft Maintenance

Civil Air Patrol Aircraft Maintenance Management

SUMMARY OF CHANGES

Responsibilities of Aircraft Managers

Permitted oil for NVWG aircraft

Period inspections of NVWG aircraft

Required Equipment in NVWG aircraft

Note: Shaded areas identify new or revised material.

CAPR 66-1, dated 14 September 2015, is supplemented as follows:

4. Responsibilities (add)

- a. All NVWG Aircraft are assigned to Nevada Wing Headquarters as denoted in ORMS. As such, the Nevada Wing Aircraft Maintenance Officer (NVWG/LGM) will maintain corporate aircraft logbooks (although he/she may delegate possession of the logbooks as appropriate). Units housing a corporate aircraft will appoint a Unit LGM in eServices and copy the NVWG/LGM on the appointment.
- b. All maintenance for corporate aircraft must be performed at a contract maintenance facility unless approved in advance by the NVWG/ LGM. Mid-cycle oil changes and 100 hour/annual maintenance to be performed at a contract maintenance facility are considered to be pre-approved by NVWG/ LGM when the work to be performed is within contract limits (including the allowed amount for "additional" work).
- c. The Wing Commander or his/her designated Wing Staff member will issue, as necessary, a Nevada Wing Operating Instruction establishing the hourly flying rate charges for all corporate aircraft assigned to Nevada Wing.
- d. The Unit LGM will be responsible for:
 - i. Ensuring his/her assigned aircraft complies with CAPR 66-1 Section 6, Section 7, Section 8, Section 9, Section 10, Section 11, Section 15, and Section 17, and Attachment 1.
 - ii. Ensuring that pilots using his/her aircraft comply with CAPR 66-1 Sections 7, Attachment 1, assisting as necessary.
 - iii. Preparing scanned copies of monthly CAPF 71 inspection (see section 6.4.6a of this supplement) and the Aircraft Log Sheets from

the AIF for the previous calendar month to NVWG/LGM by [Dropbox link](#) or email to the Nevada Wing LGM between the first & fifth of the following month.

- iv. Arranging support of scheduled and non-scheduled maintenance with the Unit DO and contract maintenance facility as approved in advance by NVWG/LGM as per CAP consolidated maintenance program.
 - v. Keeping the aircraft storage facility ship-shape and in compliance with local fire codes.
 - vi. Ensuring that their assigned aircraft are clean inside and outside.
 - vii. Being fully knowledgeable of the use of the Aircraft Maintenance Module in WMIRS and using that knowledge to comply with CAPR 66-1 where applicable.
 - viii. Preparing the calendar monthly reconciliation of Aircraft Log Sheet entries with sorties in WMIRS, including verifying fuel receipts by the fifth day of the following month.
 - ix. Keeping the AIF for their assigned aircraft up to date with changes and blank forms.
 - x. Assisting the NVWG/LGM as needed to comply with the rest of CAPR 66-1 and notifying the NVWG/LGM or assistant of issues regarding aircraft maintenance in a timely manner.
 - xi. Inspecting the contents of the Wing provided emergency kit quarterly (January, April, July, October) for items whose expiration date has passed or items that expire within the next three months. When these items are detected, the Unit LGM will coordinate with the NVWG/LGM for replacement.
- e. All flight releases will be entered electronically in WMIRS. If manual releases are used, they must still be entered retroactively electronically prior to the 5th day of the following month so that the Unit LGM can reconcile hours for reporting and charging for member paid flights.
 - g. When refueling corporate aircraft, C-182's should be fueled to the tabs only while C-206's should be topped off. PIC's may top off C-182's prior to a flight if they deem the extra fuel necessary, provided that the additional weight does not exceed the weight and balance envelope for that specific aircraft and given the density altitude conditions applicable to the flight.
 - h. Recap tires are the only tires to be used on Nevada Wing CAP Aircraft. Either 6 or 8 ply may be used on C-182 aircraft, 8 ply must be used on C-206 aircraft.

- i. National Headquarters has eliminated the requirement to use Exxon Elite in all of the CAP aircraft. Nevada Wing has determined that this is a very valid relief in most cases. Two oils are to be used in Nevada Wing Aircraft based on the circumstances the choice is to be made. Note that it is incumbent on the unit aircraft manager to inform the shop as to which oil to use based on aircraft utilization.
 - i. EXXON ELITE - This oil is to be used in any aircraft that as a routine, is within one month of timing out on oil changes before it hits a 50-hour tach time mark. If you hit 5 months since the last oil change, EXXON ELITE is to be used in the aircraft. It has chemicals in it to assist in protecting low hour usage engines. This would include aircraft that are normally in this hour range, but because of a large amount of mission flying during a short period of time exceed this formula, EXXON ELITE should still be used as the next operational period for that aircraft is likely to again be low.
 - ii. PHILLIPS X/C - This oil is to be used in all other cases.

6. Periodic Inspections (add)

6.4.6a. Each unit aircraft manager will be responsible for inspecting the aircraft using a CAPF 71 monthly in order to assure mission readiness and compliance with all required maintenance schedules. The officer will then forward the CAPF 71 and the Aircraft Log Sheets from the AIF for the previous calendar month to NVWG/LGM by [Dropbox link](#) or email to the Nevada Wing LGM between the first and fifth of the following month.

9. Required Equipment (add)

9.6. The Wing-supplied survival kit will be carried for all flights except for glider towing in the immediate vicinity of an airport.


Nevada Wing Commander

Certified 15 May 2016, Capt Marcum Endicott, NVWG LGM

E-Signed : 05/17/2016 02:10 PM CST

Carol L. Lynn

carol.lynn@nvwg.cap.gov
Comments: N/A
Voting: APPROVED
IP: 169.241.63.193

Sertifi Electronic Signature

DocID: 20160517131045003

E-Signed : 05/17/2016 05:04 PM CST

Dean A. Richardson

dean.richardson.2@us.af.mil
Comments: N/A
Voting: APPROVED
IP: 132.3.65.82

Sertifi Electronic Signature

DocID: 20160517131045003