



UNITED STATES MARINE CORPS

2d MARINE AIRCRAFT WING
U.S. MARINE CORPS FORCES, ATLANTIC
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13 FEB 2003

POLICY LETTER #01-03

From: Commanding General
To: All Commanding Officers, 2d Marine Aircraft Wing
Subj: WING POLICY CONCERNING IMPLEMENTATION OF CH-46E PAYLOAD RECOVERY "STRIP LIST"

1. Purpose. To establish policy for implementation of the Payload Recovery "Strip List", parameters for its execution and guidelines for storage and maintenance of stripped equipment.

2. Background

a. The H-46 Helicopter was delivered in 1964 with an average, empty basic weight of 13,200 lbs. Modifications have since increased that basic weight by approximately 3,100 lbs. to an average total weight of 16,300 lbs. The first 1,600 lb. Increase was negated by the increased power available from the T58-GE-16 engines while the 1,500 lb. of weight gained (or loss of effective payload) since the CH-46E upgrade has not been recovered by a power available increase.

b. When the H-46 entered service, its fuel capacity of 2,400 lbs. was based on a 50-mile radius amphibious assault mission. The introduction of new missions and the reliance of MEU(SOC) planning on increased range capability was the impetus for the installation of the larger "bullfrog" stub wings with their increased fuel capacity of 4,400 lbs. This degradation of payload and increase in loadable fuel capacity has evolved into the question of increasing fuel on board to increase combat range or loading less fuel to maintain or increase passenger capacity.

c. In an effort to recover the lost payload, increase range and/or passenger capacity, a standardized "Strip List" to remove equipment not required for specific missions or threats has been developed as an interim measure. The "Strip List" is broken into two categories: Non Mission Dependent (NMD) and Mission Dependent (MD).

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NON-MISSION DEPENDENT

<u>ITEM</u>	<u>WEIGHT (LBS)</u>	<u>MESM CODE</u>	<u>REMARKS</u>
ADF	21	B	Obsolete
HF Radio	82	Not Listed	Obsolete
Total NMD	103		

MISSION DEPENDENT

<u>ITEM</u>	<u>WEIGHT (LBS)</u>	<u>MESM</u>	<u>MAN-HOURS</u>	<u>REQUIREMENT</u>
Armor	560	B	3.1	Small Arms
External Hook	41	E	.1	External Ops
Heater	75	B	2.0	Cold WX
Cargo Winch	52	B	1.0	Cargo
Rescue Hoist	94	B	1.0	Over water Ops
Total MD	822			

d. This weight reduction increases the effective mission Range (or payload) of the CH-46E making it a more viable option for the MAGTF Commander in supporting longer-range missions or an increased capability to build combat power ashore. Removal of the HEFS and implementation of the "Strip List" effectively recovers 1,139 lbs. of payload or increases range by 115nm.

3. Policy For Implementation of CH-46E "Strip List" within 2dMAW. In order to ensure that the Commander's intent is fully adhered to, the following policy on the CH-46E Payload Recovery "Strip List" is effective immediately:

a. Items identified in the "Strip List" Non Mission Dependent (NMD) Category will be removed from 2dMAW CH-46E aircraft immediately.

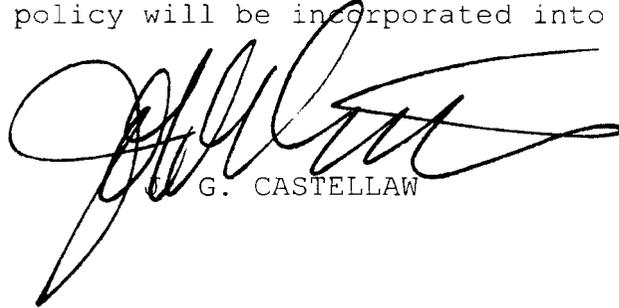
b. Items identified in the "Strip List" Mission Dependent (MD) Category will be removed from 2dMAW CH-46E aircraft when chopped to the MEU except where mission parameters dictate their installation and use.

c. Squadron/ACE Commanders will maintain accountability of the equipment removed; that it is properly packaged, preserved and stored in appropriately built deployable storage containers to ensure future viability.

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d. MALS 26 and MALS 29, with assistance from ALD, will ensure accountability of the equipment removed; that the equipment is properly packaged, preserved and stored in appropriately built deployable storage containers to ensure their future viability.

4. Administration. This policy will be incorporated into 2dMAW WgO 3710.38.



G. CASTELLAW