



UNITED STATES MARINE CORPS
2D MARINE AIRCRAFT WING
II MARINE EXPEDITIONARY FORCE
POSTAL SERVICE CENTER BOX 8050
CHERRY POINT, NC 28533-0050

WgO 3140.1R
G-3
DEC 16 2011

WING ORDER 3140.1R

From: Commanding General, 2d Marine Aircraft Wing
To: Distribution List

Subj: AIRCRAFT HURRICANE EVACUATION PLAN

Ref: (a) OPNAVINST 3730.3F/MCO 3730.1A
(b) ASO P3140.2N
(c) ASO 3141.1S
(d) ASO 3440.2L
(e) WgO 3006.1

Encl: (1) Phone Numbers
(2) Sample Results of Hurricane Evacuation Refuge Base Liaison Message
(3) 2D MAW Refuge Bases and Points of Contact Worksheet
(4) Sample ATCO Report of Evacuation to Higher Headquarters
(5) Reports Required

1. Situation. To promulgate guidance and procedures for implementing the Aircraft Hurricane Evacuation Plan for 2d Marine Aircraft Wing (2d MAW).

2. Cancellation. WgO 3140.1P.

3. Mission

a. Reference (a) outlines joint policy and responsibility for military aircraft hurricane evacuation procedures in the Continental United States (CONUS).

b. The Commanding General (CG), 2d MAW has been delegated the authority to issue aircraft destructive weather evacuation procedures by the Controlling Custodian and higher headquarters. Orders to commence and secure from aircraft evacuation and hangar operations will be issued by the CG 2d MAW or Assistant Chief of Staff (AC/S) G-3.

c. Commander, Marine Corps Installations East (MCIEAST) sets

DISTRIBUTION STATEMENT A: Approved for public release; distribution is unlimited.

DEC 16 2011

Destructive Weather Conditions (DWCs) for Marine Corps Air Station (MCAS) Cherry Point, MCAS New River and MCAS Beaufort in response to current and forecast weather.

4. Execution

a. Commander's Intent and Concept of Operations

(1) Commander's Intent. Commanding Officers (COs) and individuals assigned positions of responsibility, will implement the provisions of the instruction, those applicable references (a) through (f) and publish any necessary amplifying or supplementary instructions within their respective commands.

(2) Concept of Operations. The CO, MCAS Cherry Point, MCAS New River and MCAS Beaufort will activate the respective station Emergency Operations Center (EOC) when the DWC IV is set for that station. Essential Marine Aircraft Group (MAG) hurricane evacuation personnel shall be familiar with the location and contact information of their respective MCAS EOC. The 2d MAW Wing Operations Center (WOC) will be fully staffed and will begin surge operations upon DWC III at any MAG MCAS or when the order to evacuate MAG aircraft has been given from CG, 2d MAW.

b. Subordinate Element Missions

(1) The 2d MAW Air Transport Coordination Officer (ATCO) is assigned additional duty as Hurricane Evacuation Control Officer (HECO) for 2d MAW. 2d MAW ATCO will remain in the 2d MAW WOC during aircraft evacuation and recovery. The 2d MAW ATCO will provide the II Marine Expeditionary Force Destructive Weather Operations Center (II MEF DWOC) with current aircraft evacuation information.

(2) MAG COs will assign a HECO for their respective MAG. MAG HECOs will provide current aircraft evacuation information to the 2d MAW WOC as well as their respective MCAS EOC. Per reference (e), MAG-26 will act as the lead MAG for MCAS New River with MAG-29 supporting. MAG HECOs should plan to consolidate respective assets at one evacuation site location to the maximum extent possible. All HECOs within 2d MAW units will be thoroughly familiar with hurricane evacuation and destructive weather procedures/orders for their respective squadrons, groups and stations.

(3) The Refuge Site Commander/Officer-In-Charge (OIC) designated by each MAG CO is responsible for the aircraft and personnel reporting at each refuge base and will ensure that contact is maintained with the 2d MAW WOC through the appropriate

parent command HECO or designated representative throughout the evacuation and recovery process. In cases where more than one MAG evacuates to the same refuge site a single Refuge Site Commander/OIC will be designated in order to provide a single point of contact.

(4) Planning and coordination relating to the selection of refuge sites will be conducted annually. Except for UH-1N/Y, site selection should be within range not requiring a fuel stop while a distance outside the local flying area that will ensure aircraft and personnel are safe from the effects of destructive weather. Final approvals for refuge site select rest with the CG, 2d MAW.

(5) All 2d MAW units with aircraft assigned will appoint HECOs for the purpose of establishing liaison with their respective refuge bases. Each HECO will make liaison with the assigned refuge base contact officer, either by telephone or in person to coordinate the following:

- (a) Billeting and messing of aircrew and maintainers.
- (b) Ramp, hangar and office spaces as required.
- (c) Availability of appropriate personnel to direct aircraft.
- (d) Ground transportation for all personnel.
- (e) Any anticipated field closures due to maintenance or construction.
- (f) Coordinate aircraft flow into refuge base with base operations to preclude conflicts with other groups of evacuating aircraft.

(6) MAG HECO will consolidate the results of the liaison visits/calls of subordinate unit HECOs within their MAG. The consolidated Base Liaison Report shall be sent to 2d MAW AC/S G-3 via message (Enclosure (2)) by 1 April of each calendar year.

(7) Group Commanders will ensure that complete cross-country packets are prepared and maintained in readiness for each aircraft to be evacuated. Pertinent extracts from this Order concerning action to be taken at refuge bases will also be included in the packets.

(8) The AC/S G-3 will review and approve site selection and consolidate information provided by the MAG HECOs and

complete the refuge bases and points of contact worksheet (Enclosure (3)).

c. Coordinating Instructions

(1) Actions required upon issuance of DWCs on MCAS Cherry Point, MCAS New River and/or MCAS Beaufort; or on order of the CG, 2d MAW. CG, 2d MAW may preemptively give the order to begin preparations to 2d MAW subordinate units by setting DWC V(A) if destructive force winds are imminent. In this case, the intent is to prepare early in order to efficiently evacuate aircraft well ahead of the storm.

(a) DWC V

1. Normal operations during hurricane season set 1 June - 30 November.

2. MAG HECOs will maintain awareness of weather forecasts and units preparedness.

(b) DWC V(A)

1. This is a 2d MAW DWC intended to ensure the 2d MAW is prepared to execute response actions prior to sustained winds generating risks to aircraft. The potential for the occurrence of destructive weather is elevated with sustained winds of 50 knots or greater is forecast to affect the area within 96-120 hours.

2. Activities and training continue without substantial operational or service interruption. All 2d MAW units will initiate draft hurricane evacuation flight schedules and hangar plan. Hangar plans must be coordinated with respective Marine Aviation Logistics Squadron (MALS).

(c) DWC IV

1. The trend indicates a possible threat of destructive winds of the force indicated (i.e. Hurricane/Tropical Storm/Storm) forecast within 72 hrs.

2. Operational requirements and weather conditions permitting, flight operations will be scheduled to produce the least possible disruption, if aircraft evacuation becomes necessary. Unless otherwise directed by AC/S G-3, priority 1 and 2 missions will continue, lesser priority missions will continue on a case by case basis.

DEC 16 2011

3. Each 2d MAW flying squadron will submit to the CG 2d MAW and AC/S G-3, via the appropriate MAG HECO, two copies of evacuation flight schedules and the initial Evacuation Status Report. Aircraft on cross-country flights will be included and identified as cross-country flights on the evacuation flight schedules. If an evacuation location is far enough away to necessitate multiple legs, include the location of fuel stops en-route. The Excel template of the Evacuation Status Report is located on the 2d MAW SharePoint site:
<https://intranet.2dmaw.usmc.mil/G3/cops/atco/default.aspx>

4. Squadrons shall prepare necessary equipment and support personnel for transportation to refuge bases.

5. Marine Aerial Refueler Transport Squadron 252 (VMGR-252) shall be prepared to position one (1) cargo configured KC-130J at MCAS Cherry Point, NC to support MAG-14 units, 2 cargo configured KC-130Js at the MCAS New River to support MAG-29 and MAG-26 units and 1 cargo configured KC-130J at MCAS Beaufort, SC to support MAG-31 units.

(d) DWC III

1. Destructive winds of the force indicated (i.e. Hurricane/Tropical Storm/Storm) are possible in the general area within 48 hrs.

2. 2d MAW ATCO will notify the United States Marine Corps/ Federal Aviation Agency (USMC/FAA) liaison of the intent to evacuate 2d MAW aircraft. Provide estimated time of evacuation, number of aircraft, the designated refuge base.

3. MAG HECOs will establish communications with the 2d MAW WOC and their respective station EOC. They will also notify the appropriate Air Route Traffic Control Center (ARTCC) of the estimated time of evacuation, number of aircraft, the designated refuge base and any other pertinent information at least eight hours in advance of departure in order to coordinate block times for the flow of aircraft into the Air Traffic Control (ATC) system. Other nearby military bases will also be evacuating large numbers of aircraft possibly creating ATC congestion. HECOs will inform their respective refuge base of their evacuation intentions prior to the commencement of aircraft evacuation.

4. Expect order from CG, 2d MAW to evacuate aircraft with restricted instrument capability.

5. Notify aircraft on cross-country flights to remain in place, if required.

6. Be prepared to begin evacuation.

7. Once validated by 2d MAW ATCO, 2d MAW AC/S G-3 will direct VMGR-252 will position assigned aircraft at MCAS Cherry Point, MCAS New River and/or MCAS Beaufort.

(e) DWC II

1. Destructive winds of the force indicated (i.e. Hurricane/Tropical Storm/Storm) are anticipated in the general area within 24 hrs.

2. On order from CG 2d MAW, hangar and (continue to) evacuate aircraft.

(f) MAG HECO Aircraft Evacuation Action

1. Aircraft will normally be evacuated under Visual Meteorological Conditions (VMC) during daylight hours, weather permitting.

2. Upon receipt of the evacuation order, flight plans will be filed with ARTCCs as far in advance as possible. Include in the remarks section of all flight plans for weather reconnaissance or search and rescue the phrase "HURREVAC PRIORITY". These aircraft will receive priority handling.

3. Inform local ATC representatives and refuge bases once the evacuation order has been received.

4. Update the Evacuation Status Tracker if required. Provide take off and arrival updates by call sign and bureau number (buno), per the Evacuation Status Tracker, to the 2d MAW WOC every two hours for tracking and accountability. Notify the 2d MAW WOC of any aircraft with maintenance issues enroute to their evacuation site. Once all aircraft have been evacuated, update the Evacuation Status Tracker via email and/or phone with the 2d MAW WOC. Primary email at the 2d MAW WOC during aircraft evacuation execution will be 2dMAW.SWO and 2dMAW.WOC.

(g) 2d MAW ATCO Aircraft Evacuation Action. Compile MAG HECO Evacuation Location Reports and keep the 2d MAW AC/S G-3 and II MEF DWOC informed of aircraft and personnel status. Once evacuation and hangar plans are complete, release Enclosure (4) via Automated Message Handling System (AMHS) and notify the II MEF DWOC via phone.

DEC 16 2011

(h) DWC I

1. Destructive winds of the force indicated (i.e. Hurricane/Tropical Storm/Storm) are anticipated in the general area within 12 hrs.

2. Suspend flyaway and secure all remaining aircraft. Suspend earlier if wind limits are approaching unit Standard Operating Procedures (SOPs) or aircraft Technical Publications restrictions.

3. Take necessary precautions to minimize damage to aircraft due to possible flooding and high winds, including but not limited to securing aircraft as far away as possible from buildings and equipment to preclude damage from wind blown debris.

4. Continue with pre-planned precautionary measures as outlined in references (e) and (b), (c) or (d).

(i) Aircraft Recovery

1. Following the storm, when "ALL CLEAR" is set and respective MCAS is reopened.

2. Recovery of 2d MAW priority aircraft in support of Defense Support of Civilian Authorities (DSCA) may commence once the respective MCAS EOC declares destructive weather all clear, the airfield is open and the order to recover aircraft has been given through the 2d MAW WOC. 2d MAW DSCA priority aircraft are KC-130J, CH-53E, UH-1N and MV-22. DSCA priority does not include Fleet Readiness Squadron (FRS) units, Marine Tiltrotor Operational Test and Evaluation Squadron (VMX), Type/Model/Series (T/M/S) not mentioned above or any other unit that does not receive operational tasking from 2d MAW.

3. Recovery of 2d MAW nonessential aircraft may begin upon DWC V being set at the respective MCAS and the order to recover remaining aircraft has been given through the 2d MAW WOC.

4. If KC-130J/MV-22 logistical support is required to rescue aircraft unable to recover due to maintenance, notify 2d MAW WOC as soon as practicable (preferably within 24 hours of main body recovery).

5. MAG HECOs will compile aircraft evacuation After Action Reports from subordinate units and submit to 2d MAW ATCO via email no later than 5 working days following aircraft recovery completion.

DEC 16 2011

5. Administration and Logistics. Reports required are outlined in Enclosure (5).

a. Responsibilities of OIC/Senior Officer Present at Refuge Base

(1) Establish liaison with the refuge base contact officer.

(2) Maintain full accountability of all 2d MAW aircraft and personnel. Ensure 2d MAW WOC has the most up to date information via MAG HECO or designated MAG representative.

(3) Ensure that all aircraft are adequately secured.

(4) Establish a 24-hour security/telephone watch. Ensure that an officer remains on duty at the refuge base at all times and that they have the necessary information to enable them to locate and recall all personnel at the evacuation site.

b. Extended Training Flights (ETF)

(1) ETFs are not authorized after DWC IV is set at the respective MCAS.

(2) Units with aircraft on ETFs will, upon the setting of any DWC, notify the crews concerned. COs may authorize crews to remain at the current or future destination unless directed to proceed to a designated refuge base by CG, 2d MAW.

(3) If extended return delays are expected at refuge bases, the OIC/Senior Officer present may authorize flights after receiving concurrence from the unit's MAG CO and CG, 2d MAW.

6. Command and Signal

a. Command. This Order is applicable to the 2d MAW.

b. Signal. This Order is effective the date signed.


R. W. REGAN
Chief of Staff

DISTRIBUTION: A

PHONE NUMBERS

1. 2D MAW COMMAND DUTY OFFICER: DSN 582-4313
2. 2D MAW G-3/WOC/ATCO: DSN 582-4995/4852/3695
3. II MEF DWOC: DSN 751-9914/9771
4. MAG-14 OPS: DSN 582-6289 MAG-14 DUTY: DSN 582-5100
5. MAG-26 OPS: DSN 752-7200 MAG-26 DUTY: DSN 752-6126
6. MWSG-27 OPS: DSN 582-5695 MAG-27 DUTY: DSN 582-3590
7. MACG-28 OPS: DSN 582-5497 MACG-28 DUTY: DSN 582-3110
8. MAG-29 OPS: DSN 752-5561 MAG-29 DUTY: DSN 752-6345
9. MAG-31 OPS: DSN 335-6340 MAG-31 DUTY: DSN 335-7331
10. MCAS BEAUFORT WEATHER OFFICE: DSN 335-7927/7904
11. MCAS CHERRY POINT WEATHER OFFICE: DSN 582-2523/2346
12. MCAS NEW RIVER WEATHER OFFICE: DSN 752-6322/6828
13. MCAS BEAUFORT EOC: DSN 335-9911/9912/9913
14. MCAS CHERRY POINT EOC: DSN 582-5216
15. MCAS NEW RIVER EOC: DSN 752-4548/5003

DEC 16 2011

SAMPLE RESULTS OF HURRICANE EVACUATION REFUGE BASE LIAISON
MESSAGE

R DDTTTTZ MON YR
FM (SUBMITTING MAG)//
TO CG SECOND MAW//G3/ATCO//
INFO (SUBORDINATE SQUADRONS)//
(REFUGE BASE POINT OF CONTACT)//
BT
UNCLAS //N03141//HURREVAC
MSGID/GENADMIN/ATCO//
SUBJ/MAG XXX HURRICANE REFUGE BASE(S) FOR CALENDAR YEAR XXXX//
POC/MARINE I.M./CAPT/HECO/MAG XXX/LOC:HOME BASE, STATE/TEL:DSN:
XXX-XXXX/EMAIL:MARINEIM@XXXX.XXXX.XXX//
RMKS/1. MAG-XX HURRICANE EVACUATION CONTROL OFFICER'S (HECO'S)
HAVE COMPLETED THEIR ANNUAL LIAISON VISIT/PHONECON WITH THEIR
RESPECTIVE HURRICANE EVACUATION REFUGE BASE(S) FOR CALENDAR YEAR
XXXX. ALL REFUGE BASES HAVE SUFFICIENT AIRFIELD AND LOGISTICAL
CAPABILITIES AND PARKING SPACE TO SUPPORT EVAC OF AIRCRAFT.
RESULTS ARE AS FOLLOWS:
MAG-XX HECO AND PH#:
SQUADRON X:
HECO AND PH#:
REFUGE BASE(S):
NUMBER/TYPER/BUNO OF AIRCRAFT TO BE EVACUATED:
REFUGE BASE POINT OF CONTACT: (NAME AND PH#)
REMARKS:
SQUADRON Y:
HECO AND PH#:
REFUGE BASE(S):
NUMBER/TYPER/BUNO OF AIRCRAFT TO BE EVACUATED:
REFUGE BASE POINT OF CONTACT: (NAME AND PH#)
REMARKS:
SQUADRON Z:
HECO AND PH#:
REFUGE BASE(S):
NUMBER/TYPER/BUNO OF AIRCRAFT TO BE EVACUATED:
REFUGE BASE POINT OF CONTACT: (NAME AND PH#)
REMARKS://
BT
NNNN

Enclosure (2)

2D MAW REFUGE BASES AND POINTS OF CONTACT WORKSHEET

1. MAG-14 HECO:
2. MAG-26 HECO:
3. MAG-29 HECO:
4. MAG-31 HECO:

EVAC SITE:

Site Commander:
MAX # A/C:
(MAG-XX)

BASE OPS # DSN:

TYPE:

EVAC SITE:

Site Commander:
MAX # A/C:
(MAG-XX)

BASE OPS # DSN:

TYPE:

EVAC SITE:

Site Commander:
MAX # A/C:
(MAG-XX)

BASE OPS # DSN:

TYPE:

EVAC SITE:

Site Commander:
MAX # A/C:
(MAG-XX)

BASE OPS # DSN:

TYPE:

SAMPLE ATCO REPORT OF EVACUATION TO HIGHER HEADQUARTERS

R DDTTTTZ MON YR
FM CG SECOND MAW//G3/ATCO//
TO CG II MEF//G3//
INFO COMMARFORLANT//G3/G5//
CINCUSJFCOM//J3//
CMC WASHINGTON DC//ASCO/ASM//
BT
UNCLAS //N03000//
MSGID/GENADMIN/G3/ATCP//
SUBJ/2D MAW AIRCRAFT EVACUATION STATUS//
POC/MARINE/CAPT/ATCO/LOC: MCAS CHERRY POINT, NC/TEL:(252)
466/3695/5101/5218//
RMKS/1. DUE TO HURRICANE XXXXXX 2D MAW AIRCRAFT HAVE BEEN
EVACUATED TO REFUGE SITE(S), HANGARED OR TOLD TO REMAIN AWAY
FROM HOME STATIONS. AIRCRAFT LOCATION(S) IS/ARE AS FOLLOWS:
AIRCRAFT LOCATIONS TYPE NUMBER

//
BT
NNNN

DEC 16 2011

REPORTS REQUIRED

REPORT TITLE

1. RESULTS OF HURRICANE EVACUATION REFUGE BASE LIAISON MESSAGE (ENCLOSURE (2) (DUE TO 2D MAW ATCO BY 1 APR).
2. EVACUATION FLIGHT SCHEDULES (Begin at DWC 5(A).
3. EVACUATION STATUS REPORT (Excel Doc located on 2d MAW COPS SharePoint):
<https://intranet.2dmaw.usmc.mil/G3/cops/atco/default.aspx> (DUE TO 2D MAW ATCO at DWC IV), PRIOR TO EVAC, EVERY 2 HRS, EVAC COMPLETE).
4. ATCO REPORT OF EVACUATION TO HIGHER HQ (ENCLOSURE (4) (DUE TO II MEF WHEN EVAC COMPLETE, UPDATE IF REQUIRED).