

MISSILE FIRING & DATA REPORT (HELLFIRE)

For use of this form, see DA PAM 700-19; the proponent agency is ODCSLOG

INSTRUCTIONS: Check the appropriate block and fill in the blanks.
Fill out only blanks which are applicable to your firings.

REQUIREMENT CONTROL SYMBOL AMC-224

1. **LOCATION:** _____

2. **DATE (MM/DD/YY):** _____

3. **MISSILE S/N:** _____

4. **MISSILE LOT NO.:** _____

5. **MISSILE TYPE/MODEL:** _____

6. **LAUNCH PLATFORM:**
 AH-64 MQ-1C
 OH-58 MQ-9
 OTHER _____

7. **AIRCRAFT TAIL NUMBER:** _____

8. **CALL SIGN:** _____

9. **UIC:** _____

10. **UNIT:** _____

11. **LAUNCHER S/N:** _____

12. **MISSILE LOCATION:**
 (Left) (Right)

 (Looking Down Range)

13. **Location of other missiles loaded when fired** (list numbers from diagram above):

14. **CAPTIVE CARRY/V HOURS*:** _____

15. **POWER-ON HOURS*:** _____

16. **BATTERY LIFE REMAINING*:** _____

17. **MISSILE TEMP*:** _____ °C

18. **HUMIDITY (%RH)*:** _____

19. **SHOCK*:** _____

*Complete this field only if the missile is equipped with a Health Monitoring Unit (HMU)

20. **FIRING AGENCY:** _____

21. **FIRING CATEGORY:**
 TROOP TRAINING COMBAT
 OTHER _____

22. **WIND VELOCITY & VECTOR:**
 0 – 5 MPH 15 – 20 MPH
 5 – 10 MPH 20 – 30 MPH
 10 – 15 MPH OVER 30 MPH
 VECTOR _____

23. **WEATHER:**
 CLEAR RAIN
 ICE/SLEET FOG/MIST
 OVERCAST SNOW
 CEILING _____

24. **TEMP AT FIRING:** _____ °C °F

25. **LASER CODE:** _____

26. **VISIBLE OBSCURANTS AT LAUNCH POINT:**
 SAND/DUST HOMOGENEOUS
 INDUCED
 OTHER _____

27. **MISSILE CCM SWITCH:**
 UP DOWN

28. **GUNNER EXPERIENCE:**
 _____ PREVIOUS MISSILES

29. **DESIGNATOR MODE:**
 AUTONOMOUS REMOTE

30. **REMOTE DESIGNATOR:**
 DESIGNATOR OFFSET (DEG): _____
 A/C TAIL NO. (IF APPLICABLE): _____
 RADIO CALL SIGN: _____
 DESIGNATOR RANGE TO TARGET: _____ (KM)
 REMOTE CODE CONFIRMED

31. **TARGET OFFSET ANGLE:** _____ (DEG)
 RIGHT LEFT

32. **TYPE OF LAUNCH:**
 SINGLE RAPID* RIPPLE*
 *MFDR REQUIRED FOR EACH MISSILE

33. **FIRING MODE:**
 LOBL LOAL-LO (Flat)
 LOAL DIRECT LOA- HI (Loft)
 LOAL DEFAULT TO LOBL

34. **LOAL DELAY TIME (SECONDS AFTER MISSILE SEPARATION):** _____

35. **CATEGORY OF TARGET:**
 STATIONARY
 MOVING – SPEED (MPH): _____

36. **TARGET TYPE:**
 AUTOMOBILE BUILDING
 TANK
 OTHER: _____

37. **TARGET SIZE:** _____

38. **TARGET ALTITUDE (ft):** _____

39. **RANGE FROM LAUNCH PLATFORM TO TARGET:** _____ (KM)

40. **FUZE DELAY:**
 ANTI-ARMOR MOUT
 N/A
 OTHER _____

41. **DESIGNATOR TYPE:**
 TADS
 MMS
 G/VLLD-MANNED
 G/VLLD-UNMANNED
 LTD
 MULE
 OTHER _____

42. **TRACKING METHOD:**
 MANUAL AUTO

43. **BORESIGHT:**
 INTERNAL BORESIGHT COMPLETED
 OUTFRONT BORESIGHT COMPLETED & VERIFIED

44. **ACQUISITION SENSOR:**
 TV FLIR DVO

45. **BACKSCATTER AVOIDANCE TECHNIQUES EMPLOYED?**
 YES NO N/A

46. **AIRCRAFT ALTITUDE (ft):** _____

47. **AIRCRAFT SPEED (knots):** _____

48. **PRELAUNCH BIT:**
 PASS FAIL
 NOT PERFORMED

49. **COCKPIT VIDEO AVAILABLE?**
 YES NO

50. **MISSILE LAUNCHED:** YES NO

51. **MISSILE IMPACT:**
 HIT TARGET
 MISSED TARGET
 SHORT RIGHT
 LONG LEFT
 EST. RANGE FROM LAUNCHER TO IMPACT POINT _____

52. **WARHEAD DETONATION?**
 YES NO

53. **PROBABLE CAUSE IF MISSED:**
 DESIGNATOR EQUIPMENT MALF.
 LAUNCHER
 REMOTE HELLFIRE ELECTRONICS
 DESIGNATOR PERSONNEL ERROR
 GUNNER PERSONNEL ERROR
 BACKSCATTER
 MISSILE
 UNKNOWN
 OTHER (EXPLAIN BELOW)

54. **DESCRIPTION OF FLIGHT:**

MAIL COMPLETED FORM TO:
 DIRECTOR
 USA RDECOM
 ATTN: RDMR – SER
 REDSTONE ARSENAL, AL 36898-5000

FROM (INCLUDE ZIP CODE):

NAME & GRADE OF GUNNER (TYPE OR PRINT)

NAME & GRADE OF PILOT (TYPE OR PRINT)

DSN TELEPHONE NUMBER

DATE