

SPP1000.1/99

C-4 FIGHTER PILOT QUALIFICATION CARD

Name: _____

Rate: _____

Pre-requisites

1. NSO Required Reading

 SPP 50

2. Medical Examination (5 2 Hgt Req)

 MDR

Knowledge Factors

*Signature

Date

- | | | | |
|----|--|-------|-------|
| 1. | Explain in detail the duties, responsibilities and organizational relationship of the C-4 Fighter Pilot. | _____ | _____ |
| 2. | Demonstrate a working knowledge of the following: | | |
| | a. Power supplying C-4 Missile | _____ | _____ |
| | b. Missile Tube Penetrations | _____ | _____ |
| | c. C-4 Launch Window | _____ | _____ |
| | d. Phases of Flight of C-4 Missile | _____ | _____ |
| | e. Missile Hydraulics | _____ | _____ |
| 3. | Describe in detail the procedures for manually releasing weapons. | _____ | _____ |
| 4. | Describe in detail the procedures for correction of course deviations | _____ | _____ |
| 5. | Describe methods of self-destruction of C-4 missile during flight | _____ | _____ |
| 6. | Casualty Procedures: | | |
| | a. Umbilical Disconnect | _____ | _____ |
| | b. Fuze Set Data Failure | _____ | _____ |
| | c. Missile Dropped out of Channel | _____ | _____ |
| | d. All missile emergencies during BSM | _____ | _____ |
| | e. TVC failure | _____ | _____ |

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|-----|--|--|--|
| 7. | Describe all stages of C-4 missile | | |
| 8. | Describe the importance of air and nitrogen for missile tube | | |
| 9. | Explain hazards associated with on board weapons | | |
| 10. | Draw Cockpit of C-4 missile showing gages and indicators | | |

Practical Factors

- | | | | |
|----|--|--|--|
| 1. | Enter C-4 Fighter cockpit for BSM | | |
| 2. | Don C-4 Fighter Pilot Escape Ensemble | | |
| 3. | Parachute/Eject from C-4 Missile | | |
| 4. | Assist in recovery of C-4 Fighter Pilots | | |
| 5. | Be able to swim 5 miles | | |

Examination

- | | | | |
|----|---|-----------------------|------|
| 1. | Successfully passed a comprehensive written exam. Grade _____ | | |
| | | SF/SM LPO | Date |
| 2. | Interviewed and Recommended for Qualification | | |
| | | FCS/LCHR SUP | Date |
| 3. | Interviewed and Qualified C-4 FIGHTER PILOT | | |
| | | Strat Weapons Officer | Date |

*Unless otherwise indicated, signatures for knowlege and practical factors will be obtained from a Fire Control or Launch Supervisor.