



SS KM 97 UBA

Checklist

Updated Mar 2025

ADMINISTRATION

1. (SS01) Is a current copy of the KM 97 UBA Operations and Maintenance Manual available to all maintenance personnel and Diving Supervisors?

References: KM 97 S6560-AL-TMM-010

Applicable PMS

C R NA UA

- ☐ Repeat
☐ Significant
☐ PMS
-

2. (SS02) Are all required checklists and Operating Procedures (OPs) up to date and being utilized?

References: NAVSEA 00C3 website

Applicable PMS

C R NA UA

- ☐ Repeat
☐ Significant
☐ PMS
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COMPONENTS

3. (SS03) Is the helmet assembly free of gouges and dents?

References: KM 97 S6560-AL-TMM-010

Applicable PMS

C R NA UA

- ☐ Repeat
☐ Significant
☐ PMS
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4. (SS04) Does the flex knob operate smoothly through its entire cycle? Can a clicking be heard once fully closed?

References: KM 97 S6560-AL-TMM-010

Applicable PMS

C R NA UA

- ☐ Repeat
☐ Significant
☐ PMS
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5. (SS05) Is the nose block device operable?

References: KM 97 S6560-AL-TMM-010
Applicable PMS

C R NA UA

- ☐ Repeat
- ☐ Significant
- ☐ PMS

6. (SS06) Is the faceplate free of cracks, nicks, and scratches longer than one inch that would obstruct diver's view and or are deeper than 1/16 of an inch?

References: KM 97 S6560-AL-TMM-010
Applicable PMS

C R NA UA

- ☐ Repeat
- ☐ Significant
- ☐ PMS

7. (SS07) Is the side block assembly in good condition?

References: KM 97 S6560-AL-TMM-010
Applicable PMS

C R NA UA

- ☐ Repeat
- ☐ Significant
- ☐ PMS

8. (SS08) Does the steady-flow valve operate smoothly through the entire cycle?

References: KM 97 S6560-AL-TMM-010
Applicable PMS

C R NA UA

- ☐ Repeat
 - ☐ Significant
 - ☐ PMS
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9. (SS09) Does the emergency gas supply valve operate smoothly through the entire cycle?

References: KM 97 S6560-AL-TMM-010

Applicable PMS

C R NA UA

- ☐ Repeat
- ☐ Significant
- ☐ PMS

10. (SS10) Is the bent tube assembly free of cracks or dents greater than 1/8" or stripped threads?

References: KM 97 S6560-AL-TMM-010

Applicable PMS

C R NA UA

- ☐ Repeat
- ☐ Significant
- ☐ PMS

11. (SS11) Do the locking pins operate properly?

References: KM 97 S6560-AL-TMM-010

Applicable PMS

C R NA UA

- ☐ Repeat
- ☐ Significant
- ☐ PMS

12. (SS12) Is the locking collar assembly installed correctly and operate through its full range of motion?

References: KM 97 S6560-AL-TMM-010

Applicable PMS

C R NA UA

- ☐ Repeat
 - ☐ Significant
 - ☐ PMS
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13. (SS13) Is the neoprene neckdam in good repair?

References: KM 97 S6560-AL-TMM-010
Applicable PMS

C R NA UA

- ☐ Repeat
- ☐ Significant
- ☐ PMS

14. (SS14) Is the helmet head cushion dry and free of deterioration?

References: KM 97 S6560-AL-TMM-010
Applicable PMS

C R NA UA

- ☐ Repeat
- ☐ Significant
- ☐ PMS

15. (SS15) Is the oral nasal assembly clean?

References: KM 97 S6560-AL-TMM-010
Applicable PMS

C R NA UA

- ☐ Repeat
- ☐ Significant
- ☐ PMS

16. (SS16) Are diver communication components (earphones, microphone, and communication module) clean, dry, free from tears, cuts, cracks, or broken wires?

References: KM 97 S6560-AL-TMM-010
Applicable PMS

C R NA UA

- ☐ Repeat
 - ☐ Significant
 - ☐ PMS
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17. (SS17) Are non-return valve hand vacuum pump gauges calibrated per applicable PMS?

References: KM 97 S6560-AL-TMM-010
Applicable PMS

C R NA UA

- ☐ Repeat
- ☐ Significant
- ☐ PMS

18. (SS18) Does the non-return valve have any leaks?

References: KM 97 S6560-AL-TMM-010
Applicable PMS

C R NA UA

- ☐ Repeat
- ☐ Significant
- ☐ PMS

EMERGENCY GAS SUPPLY

19. (SS19) Is the emergency gas supply regulator configured as required (relief valve, PSI, submersible pressure gauge, Intermediate hose) and in good repair and working condition?

References: KM 97 S6560-AL-TMM-010
Applicable PMS

C R NA UA

- ☐ Repeat
- ☐ Significant
- ☐ PMS

20. (SS20) Is the first stage of the KM-97 UBA emergency gas supply regulator configured with a relief valve set per applicable PMS and have a submersible pressure gauge?

References: KM 97 S6560-AL-TMM-010
Applicable PMS

C R NA UA

- ☐ Repeat
 - ☐ Significant
 - ☐ PMS
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21. (SS21) Are SCUBA cylinder manifold valves and rupture disc is properly matched to cylinder working pressure to ensure the rupture disc (blow out plug) is the weakest point in the system?

References: NAVSEA 00C Authorized for Navy Use (ANU)
U.S. Navy Diving Manual
Applicable PMS

C R NA UA

- ☐ Repeat
- ☐ Significant
- ☐ PMS

22. (SS22) Are pressurized SCUBA cylinders and gas cylinders properly stowed, secure, and away from heat?

References: OPNAVINST 5100.19F
NSTM 550
U.S. Navy Diving Manual

C R NA UA

- ☐ Repeat
- ☐ Significant
- ☐ PMS

23. (SS23) Are all SCUBA cylinders within hydro date, tested, and marked?

References: U.S. Navy Diving Manual
Applicable PMS

C R NA UA

- ☐ Repeat
- ☐ Significant
- ☐ PMS

24. (SS24) Are the SCUBA cylinder reserve pressure settings within the recommended pressure range?

Reference: Applicable PMS

C R NA UA

- ☐ Repeat
 - ☐ Significant
 - ☐ PMS
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25. (SS25) Is the PMS being performed on the internal surface of the SCUBA cylinders?

References: Manufacturer's Technical Manual
U.S. Navy Diving Manual
Applicable PMS

C R NA UA

- ☐ Repeat
- ☐ Significant
- ☐ PMS

26. (SS26) Are submersible pressure gauges calibrated or compared and results recorded? Are records available for review?

Reference: Applicable PMS

C R NA UA

- ☐ Repeat
- ☐ Significant
- ☐ PMS

27. (SS27) Are the emergency HEO2 cylinders painted IAW MIL-STD-101?

References: NSTM 550
MIL-STD-101

C R NA UA

- ☐ Repeat
- ☐ Significant
- ☐ PMS

28. (SS28) Is the safety harness in good repair and is it the approved type?

References: Applicable PMS
NAVSEA 00C Authorized for Naval Use (ANU)

C R NA UA

- ☐ Repeat
 - ☐ Significant
 - ☐ PMS
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29. (SS29) Is the Integrated Divers Vest (IDV) clean and in good repair?

References: NAVSEA 00C Authorized for Naval Use (ANU)
Applicable PMS

C R NA UA

- ☐ Repeat
- ☐ Significant
- ☐ PM

MAINTENANCE

30. (SS30) Are torque wrenches calibrated per local requirements and documented in SKED?

References: COMUSFLTFORCOMINST 4790.3D CH2 Joint Fleet Maintenance Manual
KM 97 S6560-AL-TMM-010
Applicable PMS

C R NA UA

- ☐ Repeat
- ☐ Significant
- ☐ PMS

31. (SC31) Has all situational maintenance to include hygienic maintenance being performed on KM-97 UBA? Are the solutions being used per the PMS card? Are results documented in SKED?

Reference: Applicable PMS

C R NA UA

- ☐ Repeat
- ☐ Significant
- ☐ PMS

32. (SS32) Is any equipment that is out of commission, out of maintenance periodicity, or otherwise unsafe, tagged out to prevent use?

References: OPNAVINST 5100.23H
OPNAV M-5100.23
S 0400-AD-URM-010/TUM
OPNAVINST 3150.27D

C R NA UA

- ☐ Repeat
- ☐ Significant
- ☐ PMS

33. (SS33) Is a Preventive Maintenance System (PMS) program implemented for all diving and diving support equipment? If not, has a feedback report been submitted for all equipment not covered?

References: OPNAVINST 3120.32D
NAVSEAINST 4790.8D
U.S. Navy Diving Manual

C R NA UA

- ☐ Repeat
- ☐ Significant
- ☐ PMS

34. (SS34) Is diving equipment serialized for tracking in SKED? Is the equipment appropriately listed in SKED on single line items?

Reference: NAVSEAINST 4790.8D

C R NA UA

- ☐ Repeat
- ☐ Significant
- ☐ PMS

35. (SS35) Is maintenance correctly anchored for periodicity in SKED or tracked on a separate document (I.E. excel spread sheet, status board)?

Reference: NAVSEAINST 4790.8D

C R NA UA

- ☐ Repeat
- ☐ Significant
- ☐ PMS

36. (SS36) Is the command tracking and in compliance with all active AIGs pertaining to the equipment in use?

Reference: NAVSEA 00C Guidance

C R NA UA

- ☐ Repeat
 - ☐ Significant
 - ☐ PMS
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SSKM 97 UBA

COMMAND NAME:

LOCATION:

UIC:

DATE:

SURVEYOR(S):

NO. COMPLETE:

NO. REQ ACTION:

NOT APPLICABLE: