T.O. 21M-HGM25A-6-1WC-1PE

ONE, SET (141 CARDS)

HGM-25A MISSILE WEAPON SYSTEM

CPHASED INSPECTION ANDS. NE LUBRICATION WORK CARDS

LAUNCH COMPLEX

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INTRODUCTION

These inspection work cards implement the requirements of the Inspection Requirements Manual, and will be used as a guide in performing an inspection to insure that no item is overlooked. The total work card requirements are grouped into 36 phased inspections by the Work Orgainzation and Flow (WOF) charts which must be performed in sequence. Phased inspections will be accomplished at frequency required to meet periodic requirements of fuel exercise and lox only combined systems exercise (CSE) indicated in the Inspection Requirements Manual. Individual work cards will be accomplished as indicated by phased inspections and will become overdue if not accomplished during the applicable phased inspection. The card size affords convenient handling by maintenance personnel while performing an inspection. Work assignment information is provided at the top of each card to permit establishment of a convenient filing system for the set of cards and to make it possible to readily select any particular card or group of cards in making work assignments to maintenance personnel. afford more efficient maintenance planning and assignment of work, the requirements are arranged by work areas utilizing separate cards for requirements to be accomplished.

The WOF charts are provided as a guide for planning and controlling accomplishment of inspection/maintenance requirements in an orderly sequence. These charts indicate the most logical sequence for accomplishing each phased inspection during the recovery phase of a successful exercise. Resequencing may be accomplished if required by unscheduled maintenance. The circular figures represent the functions performed during a normal fuel exercise or lox CSE. The hexagon figures represent those work cards that can be performed in conjunction with the Combined Systems Exercise activities. The dash line(s) which connect the work card hexagon directly to circular CSE function(s) will be performed simultaneously with the CSE function(s). Those work cards which should be performed during a specified period of time are identified by solid lines extending from the hexagonal

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INTRODUCTION

figure(s) to the solid lines which connect the circular figures. These work cards are to be accomplished within the span of time indicated by points of intersection. Hexagonal figures may contain single of multipe work cards.

The inspection requirements on each work card are arranged to provide a logical sequence of performance of the requirements pertaining to the area or areas to which the card applies. Detailed instructions for use of these cards and the description and application of other forms and charts to be used in conjunction with these cards are contained in T.O. 00-20E1. The data on card-ii and on subsequent cards indicate the location, code, and title of work areas which are referred to in this set of cards.

Recommendations proposing changes to these work cards are encouraged and should be submitted on AFTO Form 22, Attn: DMM, Technical Data Branch, through appropriate command headquarters as per T.O. 00-5-1.

LIST OF TIME COMPLIANCE TECHNICAL ORDERS. NET

This technical order includes all changes, additions, and deletions made necessary by issuance of the following time compliance technical orders:

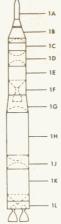
TCTO Number

Date

31X7-1-529 31X3-10-11-634 25 January 1963 4 March 1964

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MISSILE WORK AREAS

1A. RE-ENTRY VEHICLE

18. STAGE H TRANSITION COMPARTMENT

1C. STAGE II FUEL TANK

1D. STAGE II BETWEEN TANKS COMPARTMENT

1E. STAGE II LOX TANK

IF. STAGE II ENGINE COMPARTMENT

1G. STAGE I TRANSITION COMPARTMENT

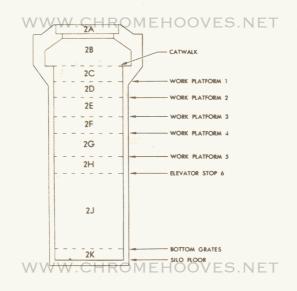
1H. STAGE I LOX TANK

1J . STAGE I BETWEEN TANKS COMPARTMENT

1K . STAGE I FUEL TANK

1L . STAGE I ENGINE COMPARTMENT

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MISSILE SILO WORK AREAS

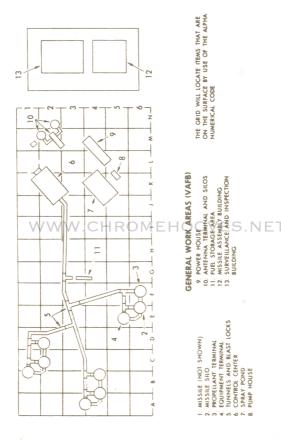
- 2A. SILO MOUTH

- 2A. SILO MOUTH
 2B. SILO MOUTH THRU CATWALK
 2C. CATWALK THRU WORK PLATFORM 1
 2D. WORK PLATFORM 1 THRU WORK PLATFORM 2
 2E. WORK PLATFORM 2 THRU WORK PLATFORM 3
 2F. WORK PLATFORM 3 THRU WORK PLATFORM 4
 2G. WORK PLATFORM 4 THRU WORK PLATFORM 5
 2H. WORK PLATFORM 5 THRU BOTTOM GRATES
 (NOT INCLUDING LAUNCHER)
 2K. BOTTOM GRATES THRU SILO ROOR
 2K. BOTTOM GRATES THRU SILO ROOR
 2L. LAUNCHER PLATFORM (NOT SHOWN)
 2M. UMBILICAL TOWER (NOT SHOWN)

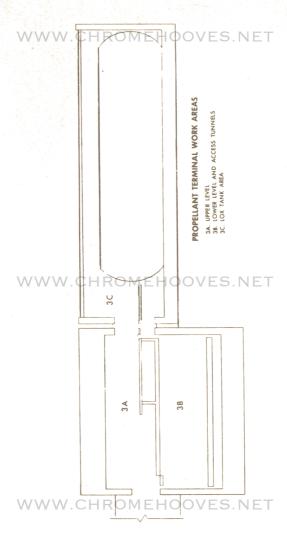
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14. LAUNCHER AREA AIR FILTRATION HROMEHO SEWAGE STABILIZATION (TYPICAL LOCATION) 13. SURVEILLANCE AND INSPECTION BUILDING (NOT SHOWN) 12. MISSILE ASSEMBLY AND MAINTENANCE SHOPS 11. FUEL STORAGE AREA 10. ANTENNA TERMINAL 9. POWER HOUSE NOT SHOWN) GENERAL WORK AREAS PROPELLANT TERMINAL (TYPICAL 3 PLACES) EQUIPMENT TERMINAL (TYPICAL 3 PLACES) MISSILE SILO (TYPICAL 3 PLACES) TUNNELS AND BLAST LOCKS MISSILE (NOT SHOWN) CONTROL CENTER

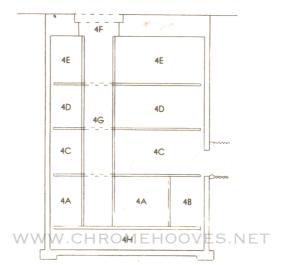
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EQUIPMENT TERMINAL WORK AREAS

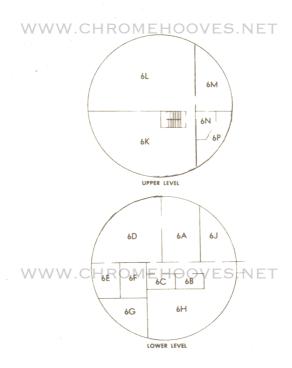
AA. HYDRAULIC SUPPLY ROOM
4B. ELECTRICAL ROOM LEVEL 1
4C. LEVEL III AND UTILITY TUNNEL
4D. LEVEL III
4F. ACCESS

4G. ELEVATOR SHAFT

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8 May 1964

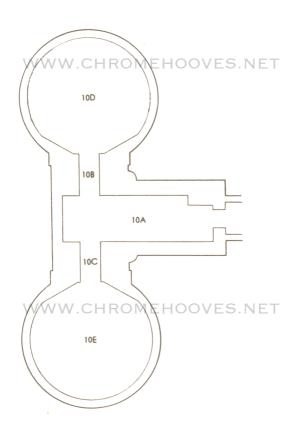


CONTROL CENTER WORK AREAS

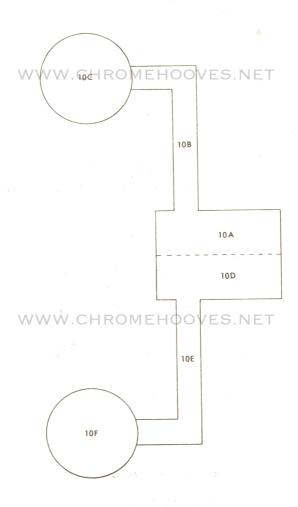
- 6A. ELECTRICAL EQUIPMENT ROOM 6B. STAIRS TO UPPER LEVEL 6C. COMMUNICATIONS VAULT 6D. AIRMEN READY ROOM

- 6E. LATRINE
 6F. DINING ROOM AND PANTRY
 6G. OFFICERS READY ROOM
- 6H. READY MAINTENANCE ROOM
- 6J. MECHANICAL EQUIPMENT ROOM
 6K. COMMUNICATIONS EQUIPMENT ROOM
 6L. OPERATIONS ROOM
- 6M. LAUNCH COMPLEX OFFICE 6N. LATRINE

CHORISMEHOOVES.NET

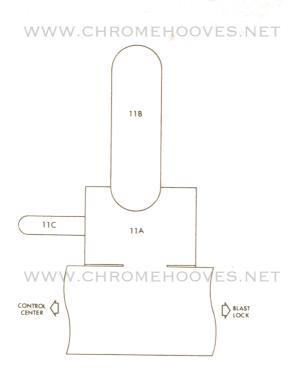


ANTENNA TERMINAL WORK AREAS WWW...ohai ANTENNA ROOM OVES.NET 106. ACCESS TUNNEL B 106. ANTENNA SILO A 106. ANTENNA SILO B



ANTENNA TERMINAL AND SILO WORK AREAS (VAFB) 10A. ANTENNA TERMINAL (ANTENNA A EQUIPMENT) 10B. ACCESS (TUNNEL B 10C. ANTENNA SILO B 10F. ANTENNA SILO B

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FUEL STORAGE WORK AREAS

11A. ROOM 11B. FUEL STORAGE TANK 11C. NITROGEN STORAGE TANK

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