

UH-60 BLACK HAWK FLIGHT SIMULATOR



Functional Description:

This configuration of the Black Hawk Flight Simulator consists of simulator to aircraft concurrency upgrades:

- 128 Doppler/GPS Navigation System
- Air Volcano Mine Dispensing System
- Center Ped to NVG compatible Lighting Mod
- AN/ARC-220
- Auxiliary Fuel Mgmt System (AFMS)
- One SAF AVCATT Variet (OAV) Threat Environment
- AN/ARC-201 SINGARS
- APC-118
- AN/ARC-164 HAVEQUICK II Radio

Purpose of Trainer:

To provide training in the techniques of day/night visual and instrument flight in the UH-60 Helicopter, and to aid in maintaining proficiency in these techniques after completion of formal training. The trainer is used for initial and refresher training of aviators in cockpit procedures, emergency procedures, day/night visual and instrument flying techniques for the UH-60 type of aircraft. The specific training requirements supported are shown following the descriptive data.

Physical Information:

- Cockpit area: 480" x 516" x 324" H
- Computer area: 480" x 360" x 120" H
- Hydraulic area: 144" x 192" x 120" H

Equipment Required, Not Supplied:

None

DVC 01-144D
NSN 6930-00-614-9643

Special Installation Requirements:

Climatically controlled building that maintains an ambient temperature at 75 F, and a relative humidity of 50 percent is desirable.

Power Requirements:

Trainer and light bank: 120/208vac, 3-phase, 4 wires, 60 Hz

Hydraulic pump: 277/480vac, 3-phase, 4 wires, 60 Hz

Training Category/Level Utilized:

Aviation Level 1

Training Requirements Supported:

ARTEP 1-252 Tasks

5-4-4 5-8-4 5-12-3 5-12-4

Training Requirements Supported:

ARTEP 17-205 Tasks

1-15-2 1-15-4 3-8-2 3-8-3

1-15-3 2-1-4

ARTEP 55-89 Tasks

5-1-2 5-1-3 5-1-4 ARTEP 57-55 Tasks

5-1-E 5-9-F 7-6-D 7-12-H

5-5-D 5-9-H 7-8-D 7-12-L

5-9-C 7-4-E 7-12-E 7-14-B

MOSC 15-1N and 100

ATM TC 1-212 Tasks

1000 1029 1079 2005 2091

1001 1032 1080 2008 2096

1002 1051 1081 2009 2099

1007 1052 1082 2016 2214

1014 1053 1083 2044 2401

1015 1060 1084 2072 2402

1016 1062 1095 2078 2435

1017 1063 1135 2079 2436

1018 1068 1136 2081 2451

1023 1075 1137 2083 2452

1025 1076 1146 2086 2469

1026 1077 1150 2087

1028 1078 2001 2090

Applicable Publications:

TM 55-6930-215 Series

DVC 01-144D
NSN 6930-00-614-9643

Reference Publications:

TM 55-1526-237 Series

TM 55-2840-248 Series

Source and Method of Obtaining:

Not generally available for issue (limited production).

Logistic Responsible Command, Service, or Agency:

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