

Jan. 30, 1989

Mr. Don C. Thomson  
Seawolf Association Historian

Mr. Jim Presley  
Naval Aviation Museum

Dear Jim,

I am arranging to have a NATOPS Manual on the HH-1K and the equivalent publication, a -00, on the UH-1M sent to you. I will also try to get a parts breakdown manual on all the armament systems on the UH-1M. Let me know if you require any additional publications and I will arrange to have them sent to you.

It was certainly good news to hear by phone today that the four aircraft had been requested from the National Guard. My understanding is that Army National Guard, by virtue of it's receiving the more capable Apache and Blackhawk helicopters, was forced into being authorized a reduction in their total inventory of aircraft. This has, in turn, required them to accelerate their stand-down of UH-1M's and UH-1H's. This would seem to indicate that this is an ideal time to be requesting UH-1M's from the National Guard.

We currently have a number of our Seawolf Association members in National Guard units flying the UH-1M's and in HAL-4 and HAL-5 flying the HH-1K's. Let me know if you need any special cooperation or favors from them and I will see that you get whatever you require.

I am enclosing some photos of a UH-1 on display at Whiteman Air Force Base, in Missouri. I thought it was an attractive outdoor type display. It was dedicated as a memorial to a helicopter crew that was killed on a UH-1 that went down there.

Also enclosed is some information on basic UH-1M armament systems and some bureau numbers of UH-1M's that were in HAL-3's inventory on Dec. 31, 1971 as well as HH-1K's

Thanks for all your help Jim.



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UH-1M Armament Systems

M221 Machine Gun System. It included two M134 7.62mm high rate machine guns firing at 2,400 rounds each, 4800 rounds per minute together. If one gun stopped the other would pick up to a rate of 4,000 rounds per minute. This was the system used from about 1968 on. in HAL-3.

M166 Our early B models had this system which was the M6 (twin M-60C machine guns on each pylon) subsystem modified to incorporate 2.75" FFAR capability using M158 rocket launchers. This system would not be our first choice for the aircraft going in the museum.

M156 This was the Multi Armament Mount (pylon hard mounts) and seven components.

M134 This was the copilots sighting station (Port side).

XM60 This was the pilots reflex sight (Starboard side).

M158 This was the rocket launcher tubes. They came in 7 and 19 tube shrouded and 7 and 19 tube unshrouded. HAL-3 used the 7 tube unshrouded which was, I believe, the M158A-1 rocket pod.

M3 This was the aircraft mounted concealed personnel detector known in HAL-3 as "the Sniffer". Weight was 86 pounds and it sat on the floor inbetween the door gunners. Used from late 1970 on. by HAL-3. I doubt seriously if we'll be able to locate one of these.

M151 Rocket with 10 pound warhead

M229 & XM229t with 17 pound warhead (Our first choice)  
XM229

M423 Point Detonating Rocket Fuse

M429 Proximity Detonating Rocket Fuse (Our first choice).

The above information is from Headquarters, Dept. of The Army Technical Manual TM55-1520-220-10 (Known as the -10) Dated 8 Sept. 1980. It was for UH-1C's and UH-1M's and contained Changes 1 through 11 and this particular book had Change 12 (6 May 83) and Ch-13 (9 May 83). This manual superceeded the one dated 20 Nov. 1968.

Don Thomson

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Bureau Numbers of aircraft other than UH-1B's that were assigned to HAL-3 on Dec.31, 1971. The Seawolf Association would especially like to have one of these aircraft although we understand that this is a pretty tall order.

64-14117	UH-1M	3 Nov.71	(Date Assigned)	
65-9423	UH-1M	7 Sep.71	"	"
65-9476	UH-1M	15 Nov.71	"	"
65-9548	UH-1M	19 Nov.71	"	"
66-599	UH-1M	8 Sep.71	"	"
66-655	UH-1M	9 Sep.71	"	"
66-15017	UH-1M	18 Dec.71	"	"
66-15077	UH-1M	66 Jul.71	"	"
66-15111	UH-1M	7 Sep.71	"	"
66-15236	UH-1M	8 Sep.71	"	"
157852	UH-1L	11 Dec.69	"	"
157854	UH-1L	11 Dec.69	"	"
157855	UH-1L	22 Jan.70	"	"
157856	UH-1L	22 Jan.70	"	"
157200	HH-1K	01 Nov.70	"	"
157202	HH-1K	01 Nov.10	"	"

Dec. 31, 1970

6414145	UH-1C	17 Nov. 70	
659476	UH-1C	15 Nov.70	
157200	HH-1K	01 Nov.70	
157852	UH-1L	11 Dec.69	
157853	UH-1L	11 Dec.69	
157854	UH-1L	11 Dec.69	
157202	HH-1K	01 Nov.70	
157858	UH-1L	22 Jan. 70	
157187	HH-1K	was there from at least May 28 to July 27, 1971 (from my log book).	

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Other C's and M's known to have flown  
with HAL-3

015177	UH-1C	Jhere in July 1971
000546	UH-1M	" " " "
015200	UH-1M	" " " "

The above are from my log book entries. D.C.T.

Note : The preceding records were all from 1970 and 1971. I have no records relating to 1972 by which time HAL-3 became totally converted from B and C models to M models.

