

The 12 Helicopters manufactured between were manufactured by Kawasaki Vertol under Boeing licensing.

SM1 KV107-IIA five units which are used for Fire Fighting

SM2 KV107 -IIA three units for multi-purpose mainly for cargo, pax, search and rescue mission

SM3 KV107-IIA two in VIP configuration

SM4 KV107-IIA two for Air Ambulance Service

The KV107s have only operated from 2300 and 7000 operating hours since new.

POWERPLANT (GE-CT-58-140-11)

Maximum power available 1,375 shp

Single engine limit 1,500 shp

GENERAL

Maximum Gross Weight 22,000 lbs (9,979 kg)

Maximum Hook Weight 11,500 lbs (5,216 kg)

Maximum Cruise Speed 120 knots

Maximum Range 250 nautical miles

AIRFRAME

Length 44 ft, 7 in

Width 7 ft, 2 in

Width landing gear 10 ft, 5 in

ROTOR SYSTEM

Rotor System Tandem

Rotor Diameter

50 ft

43 ft static

83 ft, 4 in tip-tip

FUEL

Fuel capacity 350/380 gallons

(1,324/ 1,438 liters)

Fuel consumption 165 gallons (620 liters)

- KV-107/IIA-SM-1 firefighters with a pumper boom that could use a 1,895-liter (500 US gallon) internal tank full of water or foam, or link up to a ground tanker through a hose. This variant also had a rescue hoist and had a secondary cargo transport mission.

- KV-107/IIA-SM-2 multipurpose helicopters. They could carry a medical kit for emergency services and could also be used for transport; rescue, they were fitted with an external hoist; and firefighting, with a sling load bucket.
- KV-107/IIA-SM-3 multipurpose machines, used for transport; rescue, they had an external hoist; firefighting, with a sling load bucket; and training.
- KV-107/IIA-SM-4 air ambulances with a full emergency medical service fit, even including gear for emergency surgery.
- KV-107/IIA-SM-17 long-range VIP transport and command-post machine.

12 KV107 Multi-Purpose Helicopters and 29 containers (40 ft.) of Spare Parts.

Helicopter Tail No.	KV107IIA SM-1 Fire Fighting	KV107IIA SM-2 Search & Rescue	KV107IIA SM-3 VIP	KV107IIA SM-4 Air Ambulance	Remarks
1 MSN 4115	✓				Converted to cargo for internal load Cargo Hook for external load with capacity of up to 10,000 lbs.
3 MSN 4117		✓			Convertible ready
5 MSN 4119	✓				For Firefighting
6 MSN 4120	✓				No engine. Was cannibalized Donor Aircraft
8 MSN 4124	✓				Converted for Passenger use
9 MSN 4125		✓			Converted for Passenger use (10 seater)
10 MSN 4126					Air Ambulance or Medivac comprising medical stretcher (critical care), medical stretcher (less critical care) & medical rack
12 MSN 4128				✓	Converted for Passenger use
13 MSN 4129			✓		Meeting Area, Kitchen, Toilets
14 MSN 4139	✓				Converted to use for any purpose
15 MSN 4140		✓			Stretchers, capacity to carry 13 persons in emergency
16 MSN 4141			✓		Least flying time with 2300 flying hours. Only one engine. Require second engine
Other Helicopters Out of Service					
11				✓	WRECKAGE
4	✓				WRECKAGE

Spare Parts Stocks in 29 Containers

Container No.	Remarks
Container 1	20 Used Engines. Each engine has its own record logged
Container 2	2 Engines and more than 20 Boxes of Spare Parts and consists of Pipes, Indicator Fuel Pressure, Bell Crank and Support (Part of the Drive System), Shaft (2), Forward Upper Control Installation used for reconditioning, Door Assembly for Shaft Cover, Sheet Metal for Airplane Repair.
Container 3	3 Engines in the Container
Container 4	Flooring Materials about 9 Boxes, Rivets for Fuselage Repairs and Pipes for Lubrication (oil), Accelerator Assemblies, Panel Window, Bell Crank, Land Meter, Pump
Container 5	Firefighting Buckets that can hold up to 400 Gallons of Water. One holds 600 Gallons of Water
Container 6	Auxiliary (Internal) up to 6 hours flying time, Ramp (up and down), Ground Support Equipment for work
Container 7	3 Big Boxes and 3 Ground Support Equipment (GSE)
Container 8	2 Engines plus more than 10 Boxes
Container 9	Rotor Blades (6 in Boxes and 6 Outside, Hydraulic Tubes (4 Boxes) Sheet Metal, Airframe
Container 10	2 Big Boxes of Spares, Gas Generator Indicator Rotor Blades (12 in boxes and 9 outside)
Container 11	3 Big Boxes of Spare parts, 12 Rotor Blades in Boxes and 20 outside
Container 12	Electronic Equipment, Shaft, 5 Boxes, Rotor Blades (12 in Boxes and 18 outside) and many more items at the back of the container
Container 13	System Training Equipment and Aides including Transmission Equipment, Ground Support Equipment
Container 14	Rotor Hubs (4), Forward Transmission (7)
Container 15	Foam Tank for Firefighting (used to mix water and Foam to fight fire)
Container 16	18 Rotor Hubs
Container 17	At Least 12 AFT Back Transmission and Shafts in 5 Boxes.
Container 18	Water Tanks (6), Shafts (main) for Rotor, and Ground Support Equipment
Container 19	Internal Auxiliary Fuel Tank (8)
Container 20	Full of at Least 30 Boxes including Shaft Support and Different Spare Parts
Container 21	Spare Parts in 3 Jumbo Boxes, 20 Rotor Blades out of Boxes and 12 in Boxes, plus many more Boxes inside
Container 22	Rescue Stretchers, At least 20 Boxes of spare parts and several Troop Seats.
Container 23	Rescue Baskets (3) with Cargo Nets, Stretchers for Rescue Hoists, Spare Parts in Small to Medium Size Boxes, New Stretchers, New AC Generator, Linen, Test Equipment (AST)

Container 24	New Flooring, Hydraulic Tubes, Ramp Accelerator, Air Frame Parts, Sheet Metal used for Air Frame Repair
Container 25	2 Internal Auxiliary Tanks, Large Boxes over 20 full of Spares and Pipes
Container 26	Air Plane Sheets, Tires, Air Frame for Fuselage including Door Assembly, Fire Fighting Equipment and Several Medium to Large Boxes
Container 27	Engine Filter, Over 30 Large Boxes with Assorted Spare Parts
Container 28	Firefighting Water Buckets (400 Gallons Capacity) and Spare Parts (2/3s Water Buckets and 1/3 Spare Parts)
Container 29	Full of Medium to Large Boxes (Over 30 Boxes in Assorted Spare Parts), Rescue Hoist Brackets, Control Installation AFT Rotor (Swash Plate) used to turn the Rotor, Shaft Drive and Assorted Spare Parts)
Miscellaneous*	Water Tanks (5) used and 4 in Boxes, Donor Engines (7), Ground Support Equipment including Rotor Blade Stand and other old equipment (optional)