



Specification and Status Summary
Kawasaki Vertol KV107-IIA Package
12 Helicopters & Parts
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Kawasaki Vertol KV107-IIA Package

Package Description

12 KV107-IIA Helicopters & Parts

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Kawasaki Vertol KV107-IIA Package

SPECIFICATIONS

Summary

	Number of Units
SM1 KV107-IIA Fire Fighters	5
SM2 KV107 -IIA Multi-Purpose Cargo, Pax, Search & Rescue	3
SM3 KV107-IIA VIP Configuration	2
SM4 KV107-IIA Air Ambulance Service	2
Total Aircraft	12

General

Max. Gross Weight	22,000 lbs
Max. Hook Weight	11,500 lbs
Max. Cruise Speed	120 knots
Max. Range	250 Nautical Miles

Airframe

Length	44 ft, 7 in
Width	7 ft, 2 in
Landing Gear Width	10 ft, 5 in

Rotor System

Rotor System	Tandem
Rotor Diameter	50 ft; 43 ft static; 83 ft, 4 in tip-tip

Powerplant

Make	General Electric
Model	GE-CT-58-140-11
Max. Power Available	1,375 shp
Single Engine Limit	1,500 shp

Fuel

Fuel Capacity	350/380 gals (1,324 / 1,438 ltrs)
Fuel Consumption	165 gals (620 ltrs)

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Spare Parts Stocks – 29 Containers

Container No.	Remarks
1	20 Used Engines. Each engine has its own record logged
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.
3	3 Engines in the 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
5	Firefighting Buckets that can hold up to 400 Gallons of Water. One holds 600 Gallons of Water
6	Auxiliary (Internal) up to 6 hours flying time, Ramp (up and down), Ground Support Equipment for work
7	3 Big Boxes and 3 Ground Support Equipment (GSE)
8	2 Engines plus more than 10 Boxes
9	Rotor Blades (6 in Boxes and 6 Outside, Hydraulic Tubes (4 Boxes) Sheet Metal, Airframe Beam
10	2 Big Boxes of Spares, Gas Generator Indicator Rotor Blades (12 in boxes and 9 outside)
11	3 Big Boxes of Spare parts, 12 Rotor Blades in Boxes and 20 outside
12	Electronic Equipment, Shaft, 5 Boxes, Rotor Blades (12 in Boxes and 18 outside) and many more items at the back of the container
13	System Training Equipment and Aides including Transmission Equipment, Ground Support Equipment
14	Rotor Hubs (4), Forward Transmission (7)
15	Foam Tank for Firefighting (used to mix water and Foam to fight fire)
16	18 Rotor Hubs
17	At Least 12 AFT Back Transmission and Shafts in 5 Boxes.
18	Water Tanks (6), Shafts (main) for Rotor, and Ground Support Equipment
19	Internal Auxiliary Fuel Tank (8)
20	Full of at Least 30 Boxes including Shaft Support and Different Spare Parts
21	Spare Parts in 3 Jumbo Boxes, 20 Rotor Blades out of Boxes and 12 in Boxes, plus many more Boxes inside
22	Rescue Stretchers, At least 20 Boxes of spare parts and several Troop Seats.
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)
24	New Flooring, Hydraulic Tubes, Ramp Accelerator, Air Frame Parts, Sheet Metal used for Air Frame Repair
25	2 Internal Auxiliary Tanks, Large Boxes over 20 full of Spares and Pipes
26	Air Plane Sheets, Tires, Air Frame for Fuselage including Door Assembly, Fire Fighting Equipment and Several Medium to Large Boxes
27	Engine Filter, Over 30 Large Boxes with Assorted Spare Parts
28	Firefighting Water Buckets (400 Gallons Capacity) and Spare Parts (2/3s Water Buckets and 1/3 Spare Parts)
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)

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STATUS SUMMARY

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, Toilet
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

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Notes

- 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.







