

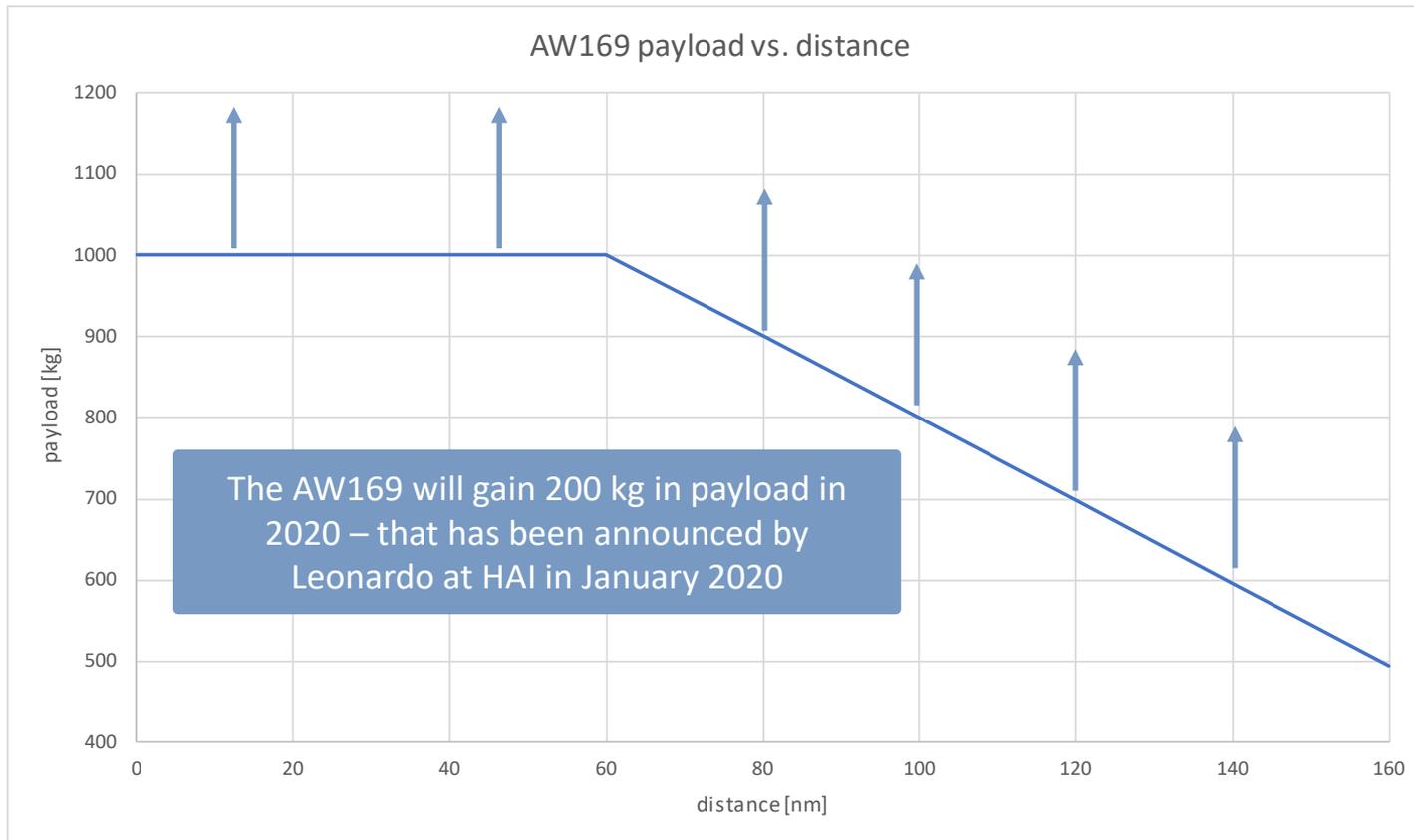
Helicopters offer a broad range to transport cargo either outside or inside the helicopter

Options to transport cargo with a helicopter

	1 Inside the cabin		2 On the hoist / in the cabin lifted via the hoist		3 Beneath the helicopter – underslung load	
	AW169	AW139	AW169	AW139	AW169	AW139
Maximum load per piece	1,000 kg (450 kg/m ²)	1,200 kg (450 kg/m ²)	249 kg	249 kg	1,500 kg	2,200 kg
Maximum total load	1,000 kg	1,200 kg	1,000 kg <i>(Depending on distance, load size, weight, wind speed & direction)</i>	1,200 kg	1,500 kg <i>(Depending on distance)</i>	2,200 kg
Maximum total size	L: 195 cm W: 185 cm H: 120 cm	L: 225 cm W: 188 cm H: 120 cm	L: 130 cm W: 150 cm H: 80 cm	L: 130 cm W: 150 cm H: 80 cm	<i>Few limitations to be assessed, case by case</i>	
Travel speed	130 knots	140 knots	130 knots	140 knots	<i>Depending on size of cargo</i>	
Evaluation	<ul style="list-style-type: none"> ▪ Handling required ▪ Helicopter needs to land ▪ Large and heavy single loads possible 		<ul style="list-style-type: none"> ▪ Most versatile solution ▪ Helicopter does not need to land 		<ul style="list-style-type: none"> ▪ Requires frequent recurrent training of pilots (20 hours per pilot per year) ▪ Overflying of populated areas incl. roads prohibited 	

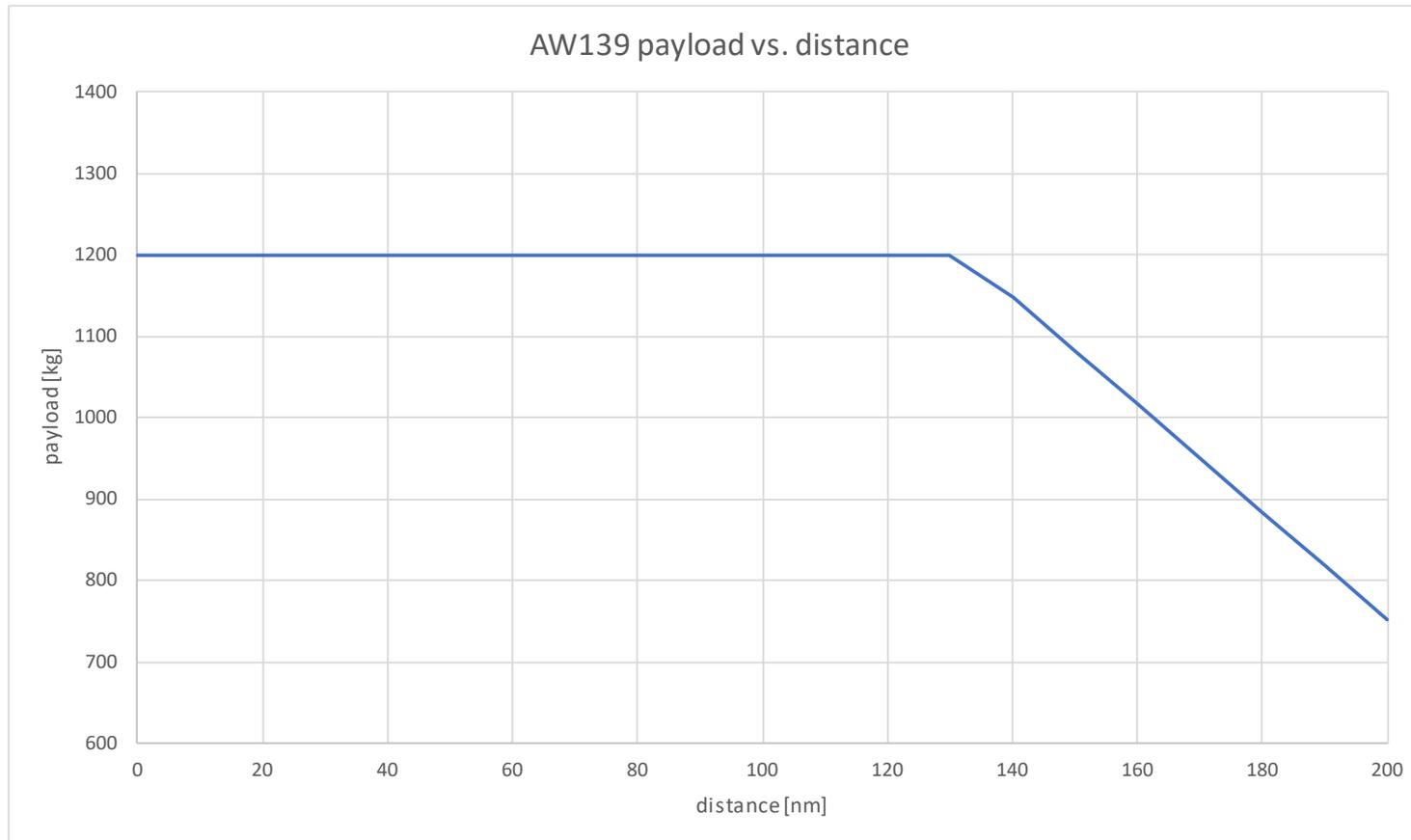
The AW169 can carry up to 1,000 kg for a distance of up to 60 NM

AW169 payload versus distance



The AW139 can carry up to 1,200 kg for a distance of up to 130 NM

AW139 payload versus distance



Transport of dangerous goods

Dangerous Good class	Description of DG class	Aircraft						Remarks	Examples
		AW139			AW169				
		Baggage Compartment	Passenger Cabin	Attached to the Hoist	Baggage Compartment	Passenger Cabin	Attached to the Hoist		
1	Explosive goods							Forbidden until prior confirmation by national authorities	Missiles
2	Gases								
2.1	Flammable	✓	✓	✓	✗	✓	✓		Oxygen, Nitrogen, carbon dioxide
2.2	Non-flammable, non-toxic								
2.3	Toxic								
3	Flammable liquids	✓	✓	✓	✗	✓	✓		Paint, disinfection liquid
4									
4.1	Flammable Solids, self-reactive substances, polymerizing substances and solid desensitized explosives	✓	✓	✓	✗	✓	✓		Alkali metals, Phosphor, Sodium
4.2	Substances liable to spontaneous combustion								
4.3	Substances which, in contact with water, emit flammable gases								
5									
5.1	Oxidizer	✓	✓	✓	✗	✓	✓		silver nitrate
5.2	Organic peroxides								
6									
6.1	Toxic substances	✓	✓	✓	✗	✓	✓		Bromobenzyl, infectious substances
6.2	Infectious substances								
7	Radioactive material	✓	✓	✓	✗	✓	✓	Prior information to the legal authorities	Smoke detectors
8	Corrosive	✓	✓	✓	✗	✓	✓		Acid, paint
9	All other Dangerous goods	✓	✓	✓	✗	✓	✓		Lithium Ion battery