

UK & Ireland HEMS & Air Ambulance Operations Summary

Aircraft Registration	Aircraft Type	Based At	Maintained By <i>Also AOC holder & pilotage unless otherwise stated</i>	ATC Radio Call Sign
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Children's

G-PICU	Leonardo AW169	Oxford Airport	Specialist Aviation Services	Helimed 80
G-TCAA	Leonardo AW169	Doncaster Sheffield Airport	Specialist Aviation Services	Helimed 81

Helimed 81 currently hangared at Retford (Gamston) Airport; will move to DSA permanently upon completion of base upgrade work

Cornwall

G-CIOS	MD902 Explorer	Newquay Airport	Specialist Aviation Services	Helimed 01
G-CNWL	MD902 Explorer	Newquay Airport	Specialist Aviation Services	

Only one aircraft operates each day

Derbyshire, Leicestershire & Rutland

G-TAAS	AgustaWestland AW109SP G.New	East Midlands Airport	Sloane Helicopters	Helimed 54
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Devon

G-DAAN	Eurocopter EC135P2+	Exeter Airport	Airbus Helicopters UK	Helimed 70
G-DVAA	Eurocopter EC135T2+	Eaglescott Airfield	Airbus Helicopters UK	Helimed 71

Charity holds own Air Operator Certificate (AOC #2421; Devon Air Ambulance Trading Company Ltd) & directly employs own pilots

Dorset & Somerset

G-DSAA	Leonardo AW169	Henstridge Airfield	Specialist Aviation Services	Helimed 10
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East Anglian

G-RESU	Airbus Helicopters H145	Norwich Airport	Babcock MCS Onshore	Helimed 85
G-HEMC	Airbus Helicopters H145	Cambridge Airport	Babcock MCS Onshore	Helimed 88

Essex & Herts

G-EHEM	MD902 Explorer	Earls Colne Airfield	Specialist Aviation Services	Helimed 07
G-HHEM	Leonardo AW169	North Weald Airfield	Specialist Aviation Services	Helimed 55

Great North

G-NHAA	Aerospatiale AS365N2 Dauphin	Durham Tees Valley Airport	Multiflight	Helimed 63
G-NHAB	Aerospatiale AS365N2 Dauphin	Langwathby (Frank Bird)	Multiflight	Helimed 58
G-NHAC	Eurocopter AS365N2 Dauphin	DTV / Langwathby	Multiflight	Helimed xx

G-NHAC covers Helimed 58 & 63 maintenance as required

Great Western

G-GWAC	Eurocopter EC135T2+	Almondsbury	Babcock MCS Onshore	Helimed 65
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Hampshire & Isle of Wight

G-HIOW	Airbus Helicopters H135 (T3)	Thruxton Circuit	Babcock MCS Onshore	Helimed 56
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Irish Air Corps Emergency Aeromedical Service

274-279	AgustaWestland AW139	Custume Barracks, Athlone	Irish Air Corps	Air Corps 112
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Online AW139 selected from six possible IAC airframes

Irish Community Rapid Response

G-SHLE	Agusta A109E Power	Rathcoole Aerodrome, Co Cork	Sloane Helicopters	Helimed 92
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Aircraft currently being used for crew training and promotional tour prior to becoming operational

Kent, Surrey & Sussex

G-KSST	AgustaWestland AW169	Redhill Aerodrome	Specialist Aviation Services	Helimed 21
G-KSSC	Leonardo AW169	Redhill Aerodrome	Specialist Aviation Services	Helimed 60

Both aircraft also have use of the Rochester Airport charity HQ Forward Operating Base.

MD902 G-KSSA will remain as Helimed 21 for the near future, with G-KSSC & G-KSST sharing Helimed 60 shifts

Lincolnshire & Nottinghamshire

G-LNAC	Leonardo AW169	RAF Waddington	Specialist Aviation Services	Helimed 29
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London

G-EHMS	MD902 Explorer	Royal London Hospital	Specialist Aviation Services	Helimed 27
G-LNDN	MD902 Explorer	Royal London Hospital	Specialist Aviation Services	

Only one aircraft operates each day. Both hangared RAF Northolt. Second c/s Helimed 28 if required.

Charity holds own Air Operator Certificate (AOC #1318; London's Air Ambulance Ltd) & directly employs own pilots

Magpas

G-HMDX	MD902 Explorer	RAF Wyton	Specialist Aviation Services	Helimed 66
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Midlands

G-RMAA	Airbus Helicopters H145	RAF Cosford	Babcock MCS Onshore	Helimed 03
G-OMAA	Eurocopter EC135T2e	Strensham M5 N.bound	Babcock MCS Onshore	Helimed 06
G-HWAA	Eurocopter EC135T2	Tatenhill Airfield	Babcock MCS Onshore	Helimed 09

North West

G-NWAA	Eurocopter EC135T2	Blackpool Airport	Babcock MCS Onshore	Helimed 08
G-NWEM	Eurocopter EC135T2	Barton Aerodrome	Babcock MCS Onshore	Helimed 72
G-NWAE	Eurocopter EC135T2	Barton Aerodrome	Babcock MCS Onshore	Helimed 75

Northern Ireland

G-NHEM	Eurocopter EC135T2	Maze Long Kesh	Babcock MCS Onshore	Helimed 23
G-NIHM	Eurocopter EC135T2+	Maze Long Kesh	Babcock MCS Onshore	

Only one aircraft operates each day. Offline aircraft hangared Enniskillen Airport

Scotland (Charity)

G-SCAA	Eurocopter EC135T2+	Perth Airport (Scone)	Babcock MCS Onshore	Helimed 76
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Scotland (Scottish Ambulance Service)

G-SASN	Airbus Helicopters H145	Inverness Airport	Babcock MCS Onshore	Helimed 02
G-SASS	Airbus Helicopters H145	Glasgow Airport	Babcock MCS Onshore	Helimed 05
G-SASD	Beech King Air 200C	Glasgow Airport	Gama Aviation	Gama xxx
G-SASC	Beech King Air 200C	Aberdeen Airport	Gama Aviation	Gama xxx

Thames Valley

G-TVAL	Airbus Helicopters H135 (T3)	RAF Benson	Babcock MCS Onshore	Helimed 24
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Wales

G-WENU	Airbus Helicopters H145	Dafen, Llanelli	Babcock MCS Onshore	Helimed 57
G-WOBR	Airbus Helicopters H145	Welshpool Airport	Babcock MCS Onshore	Helimed 59
G-WROL	Airbus Helicopters H145	Caernarfon Airport	Babcock MCS Onshore	Helimed 61
G-WASC	Eurocopter EC135T2e	Cardiff Heliport	Babcock MCS Onshore	Helimed 67

Warwickshire & Northamptonshire

G-HEMZ	Agusta A109S Grand	Coventry Airport	Sloane Helicopters	Helimed 53
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Wiltshire

G-WLTS	Bell 429	Semington, Melksham	Heli Charter	Helimed 22
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Charity to obtain own AOC and employ pilots directly in the near future

Yorkshire

G-YOAA	Airbus Helicopters H145	Nostell Priors	Airbus Helicopters UK	Helimed 99
G-YAAC	Airbus Helicopters H145	RAF Topcliffe	Airbus Helicopters UK	Helimed 98

Charity holds own Air Operator Certificate (AOC #2398; Yorkshire Air Ambulance Ltd) & directly employs own pilots

Total: 42 operational aircraft (excluding ICRR A109E)

EC(H)135	H145	AW169	MD902	A(W)109	AS365	B200C	B429	AW139
13	10	7	4	2	2	2	1	1

46 inclusive of 2nd Cornwall & London MD902s, 2nd Northern Ireland EC135 & 3rd Great North AS365

Appendices

A	B	C	D	E
New Aircraft 2019-2020	Spare Aircraft	Aircraft Ownership	Aircraft Pilotage	Named Aircraft

New Aircraft Entering Service 2019-2020

Aircraft Type	Operation	Registration	Base	Operational	Replacing
AW169	Magpas Air Ambulance	G-MGPS <i>Predicted UK reg; currently I-RAIT with Leonardo</i>	Alconbury Weald <i>Subject to planning approval; Magpas currently based Wyton</i>	Summer 2019	G-HMDX MD902
	Cornwall Air Ambulance	x	Newquay Airport	April 2020	G-CIOS & G-CNWL <i>1x AW169 replaces 2x MD902</i>
H145	Devon Air Ambulance	G-DAAS <i>Predicted UK reg.</i>	Exeter Airport <i>G-DAAN to Eaglescott</i>	Mid 2020	G-DVAA EC135T2+
TBA	Scotland's Charity Air Ambulance <i>c/s to be Helimed 79</i>	x	Aberdeen Airport	Late 2019	Additional Airframe

Spare Aircraft

Excludes onsite airframes eg. London MD902s; these can be found in the main summary.

Aircraft Type	Operator	Registration	Colour Scheme
EC135T2	Babcock MCS Onshore	G-EMAA	Red/Yellow
EC135T2+	Babcock MCS Onshore	G-SPHU	Yellow
	Babcock MCS Onshore	G-WASS	Red/Green
EC135T2e	Babcock MCS Onshore	G-HEMN	Red/Green
H145	Babcock MCS Onshore	G-EMSS <i>From late 2018</i>	Yellow/Black
B200	Gama Aviation	G-GMAE	White/Blue/Gold
A109E	Sloane Helicopters	G-RSCU	Yellow/Grey
MD902	Specialist Aviation Services	G-KSSA	Blue/White
	Specialist Aviation Services	G-KSSH	Blue/White
	Specialist Aviation Services	G-SASR	Green/White
AW169	Specialist Aviation Services	G-SASX	Green/White

Aircraft Ownership

Traditionally, the majority of UK HEMS aircraft have been leased, with the aircraft operator providing all aviation-related particulars. However, a growing number of charities have taken the decision to move away from this model of operation.

Below are the charities which either outright own all or part of their respective fleets, or where indicated have elected to invest 50% of an airframe's initial purchase price as part of their contract.

Charity	Registration	Aircraft Type	Operated By AOC Holder
Air Ambulance Kent, Surrey & Sussex <i>50% airframe investment (both aircraft)</i>	G-KSSC	AW169	Specialist Aviation Services
	G-KSST	AW169	
Cornwall Air Ambulance <i>AW169 will be owned outright by the charity</i>	TBC <i>From 2020</i>	AW169	Specialist Aviation Services
Devon Air Ambulance <i>G-DVAA to be sold after G-DAAS commences operations</i>	G-DAAN	EC135P2+	Devon Air Ambulance Trading Company Ltd
	G-DVAA	EC135T2+	
	G-DAAS <i>From 2020</i>	H145	
Dorset & Somerset Air Ambulance <i>50% airframe investment</i>	G-DSAA	AW169	Specialist Aviation Services
Essex & Herts Air Ambulance	G-HHEM	AW169	Specialist Aviation Services
Great North Air Ambulance <i>Charity also owns fuselage of former AS365N2 G-BTEU; utilised for medical crew training</i>	G-NHAA	AS365N2	Multiflight
	G-NHAB	AS365N2	
	G-NHAC	AS365N2	
London's Air Ambulance	G-EHMS	MD902	London's Air Ambulance Ltd
	G-LNDN	MD902	
Midlands Air Ambulance	G-OMAA	EC135T2e	Babcock MCS Onshore
	G-RMAA	H145	
Thames Valley Air Ambulance	G-TVAL	H135 (T3)	Babcock MCS Onshore
Wiltshire Air Ambulance	G-WLTS	B429	Heli Charter
Yorkshire Air Ambulance	G-YAAC	H145	Yorkshire Air Ambulance Ltd
	G-YOAA	H145	

In addition to aircraft ownership, several charities hold their own AOC, as well as directly employing their own pilots. Further information on these details can be found in the main summary.

Aircraft Pilotage

Most UK & Ireland HEMS aircraft operate single pilot. In this scenario, the front left-hand seat is typically* occupied by a paramedic trained as a HEMS technical crew member (TCM). The role of the HEMS TCM includes assisting the commander in areas such as aircraft safety, landing site selection, navigation, refuelling and weather.

NVIS TCM training is also undertaken should the operation utilise it. For example, Dorset & Somerset Air Ambulance operate single pilot NVIS night HEMS until 0200, flying with an extra practitioner dedicated to the front left-hand seat during the hours of darkness.

However, many have moved to two dedicated pilots. Within UK HEMS, London's Air Ambulance have always operated two pilot. Below are those, with flight officially defined as either air ambulance or HEMS, which operate with two pilots.

Where two qualified captains fly together, only one will be the designated pilot in command (PIC).

Operation	Aircraft	Base	Typical Composition
Air Ambulance Kent, Surrey & Sussex	Helimed 21 <i>MD902</i>	Redhill Aerodrome	Captain & Co-Pilot
	Helimed 60 <i>AW169 NVIS</i>		Captain & Co-Pilot
Children's Air Ambulance	Helimed 80 <i>AW169</i>	Oxford Airport	Captain & Co-Pilot
	Helimed 81 <i>AW169</i>	Doncaster Sheffield Airport	Captain & Co-Pilot
East Anglian Air Ambulance	Helimed 85 <i>H145 NVIS</i>	Norwich Airport	Captain & Co-Pilot
	Helimed 88 <i>H145 NVIS</i>	Cambridge Airport	Captain & Co-Pilot
Essex & Herts Air Ambulance	Helimed 07 <i>MD902</i>	Earls Colne Airfield	Captain & Co-Pilot
	Helimed 55 <i>AW169</i>	North Weald Airfield	Captain & Co-Pilot
Irish Air Corps <i>Emergency Aeromedical Service</i>	Air Corps 112 <i>AW139</i>	Custume Barracks, Athlone	Commandant/Captain & Lieutenant
Lincolnshire & Nottinghamshire Air Ambulance	Helimed 29 <i>AW169 NVIS</i>	RAF Waddington	Captain & Co-Pilot
London's Air Ambulance	Helimed 27 <i>MD902</i>	Royal London Hospital <i>Hangared RAF Northolt</i>	Captain & Co-Pilot <i>Extended operating hours late March - early September</i> 2x Captain <i>Early September - late March</i>
Scotland <i>Scottish Ambulance Service fixed wing</i>	Gama xxx <i>B200C</i>	Aberdeen Airport	Captain & (Senior) First Officer
	Gama xxx <i>B200C</i>	Glasgow Airport	Captain & (Senior) First Officer
Wales Air Ambulance <i>Transfer aircraft</i>	Helimed 67 <i>EC135T2+</i>	Cardiff Heliport	Captain & Co-Pilot

*Magpas Air Ambulance routinely operate with a dedicated non-medical TCM; both paramedic & doctor fly in the cabin.

Named Aircraft

Operation	Aircraft	Name and/or Dedication	Location on Aircraft
Children's Air Ambulance	G-PICU <i>AW169</i>	'Alexandra Nicole'	Nose (front right)
Cornwall Air Ambulance	G-CNWL <i>MD902</i>	'Nicko and Emily Milligan Flying Over Cornwall Saving Lives Together'	Above cockpit/below rotor head
Devon Air Ambulance	G-DVAA <i>EC135T2+</i>	'Jennie'	Cowling above cabin windows (both sides)
	<i>Both Devon EC135s G-DAAN & G-DVAA also carry 'Founded by the Ceri Thomas Appeal' on both sides of the lower fuselage</i>		
Dorset & Somerset Air Ambulance	G-DSAA <i>AW169</i>	'Pegasus'	Nose (both sides)
Great North Air Ambulance	G-NHAA <i>AS365N2</i>	'Guardian of the North' 'Dedicated To the Memory of John Toner'	Tail fin (both sides) Fuselage (both sides)
	G-NHAB <i>AS365N2</i>	'Pride of Cumbria' 'Dedicated To the Memory of Dr. Rupert Bennett'	Tail fin (both sides) Fuselage (both sides)
London's Air Ambulance	G-EHMS <i>MD902</i>	'Rowan'	Under captain-side door (front right)
	G-LNDN <i>MD902</i>	'Walter'	Under captain-side door (front right)
Scotland <i>Scottish Ambulance Service</i>	G-SASC <i>B200C</i>	'Paramedic John McCreanor'	Under captain-side window (front left)

See Also

Document	URL
UK HEMS & Air Ambulance Call Signs Summary	http://www.ukemergencyaviation.co.uk/files/UK_Air_Ambulance_Callsigns_Summary.pdf