

EUROPEAN HELICOPTER IFR FLEET ANALYSIS

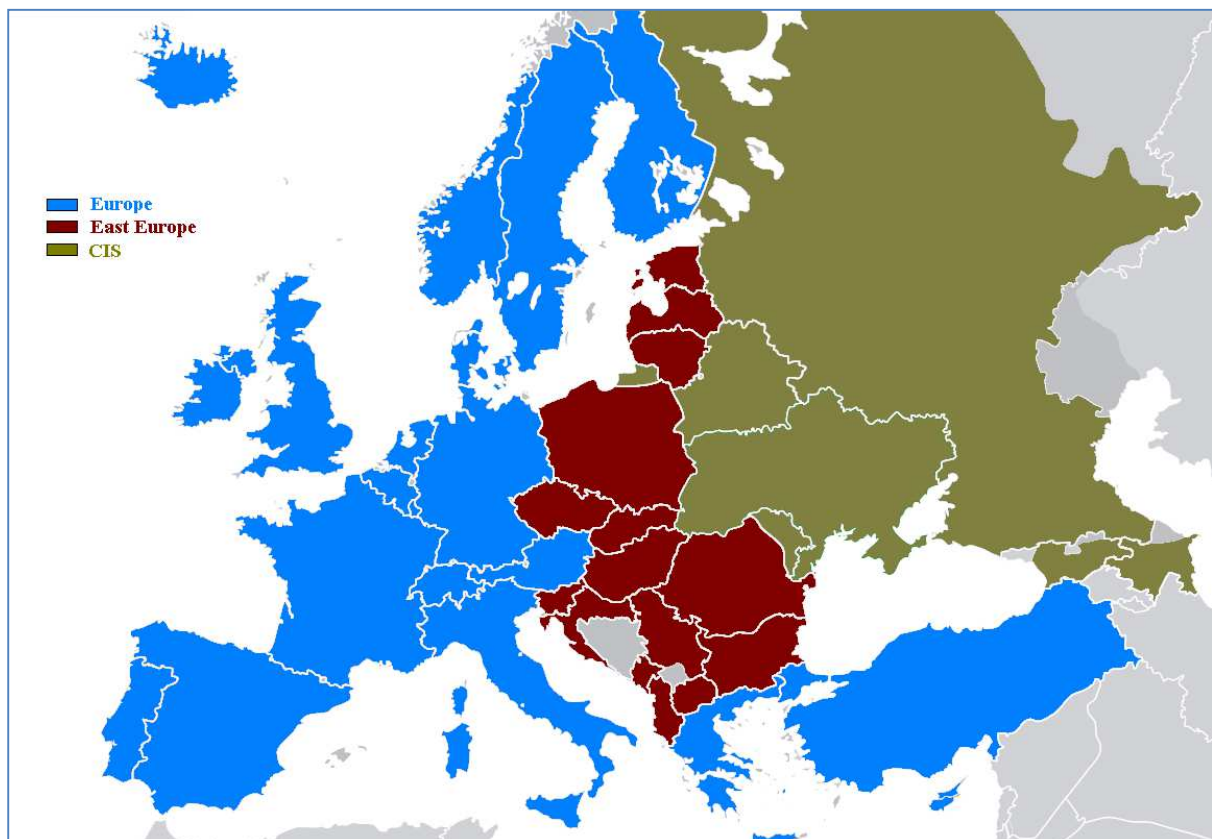
Prepared by the
EUROPEAN HELICOPTER ASSOCIATION (EHA)

1 INTRODUCTION

This document was prepared with the aim to identify the IFR Helicopter Fleet in Europe. The database used is the Flight Global HELICAS 2011/2012.

The European Continent has been divided into three macro areas as per following details:

- **Europe Countries** comprise the following: Austria, Belgium, Cyprus, Denmark, Faroe Island, Finland, France, Germany, Greece, Greenland, Iceland, Ireland, Italy, Liechtenstein, Monaco, Netherlands, Norway, Portugal, Spain, Sweden, Switzerland, Turkey and UK.
- **Eastern Europe Countries** comprise the following: Albany, Bulgary, Croatia, CZ Republic, Estonia, Hungary, Latvia, Lithuania, Macedonia, Montenegro, Poland, Romania, Serbia, Slovakia and Slovenia.
- **CIS Countries** comprise the following: Azerbaijan, Belarous, Georgia, Moldova, Russia and Ukraine.



The Helicopter Fleet analysis is not considering the helicopters classified as per Weight Category in Light and Light Long Single, due to the fact that these categories do not have a basic IFR avionic on board that permits an IFR flight, with only few exceptions. Moreover, the analysis does not take into account the CIS (ex Russian Country) helicopter fleet .

The Weight Category classification is hereafter explained:

- Light Twin 2.0 to 3.2 Tonnes (ex. AW109SP,B429,EC135...)
- Light Intermediate 3.2 to 4.7 Tonnes (ex. AW169,EC145,EC135...)
- Intermediate 4.7 to 7 Tonnes (ex. AW139,AW609,B412,EC155,S76...)
- Medium 7 to 12 Tonnes (ex. AW609, AS332,EC225,S92...)
- Medium/Heavy 12 Tonnes plus (ex. AW189,AW101,AS332,EC725,MI26...)

The analysis is also made per Helicopter Role classification:

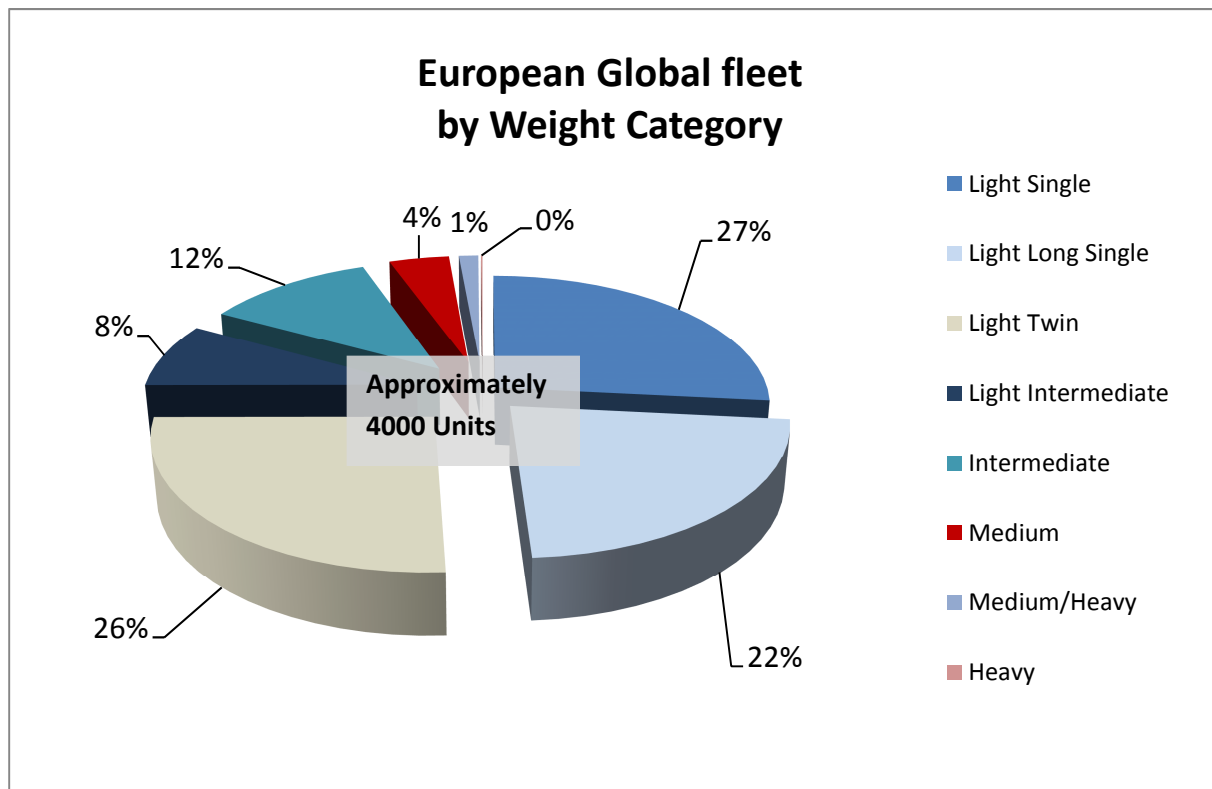
- Civil
- Governmental

Classified as Civil, are all Helicopters operating in all civil segments. Governmental on the other hand are those helicopters hired by a governmental institution, but used for Civil purposes. This analysis does not consider the Military role categories nor piston helicopters.

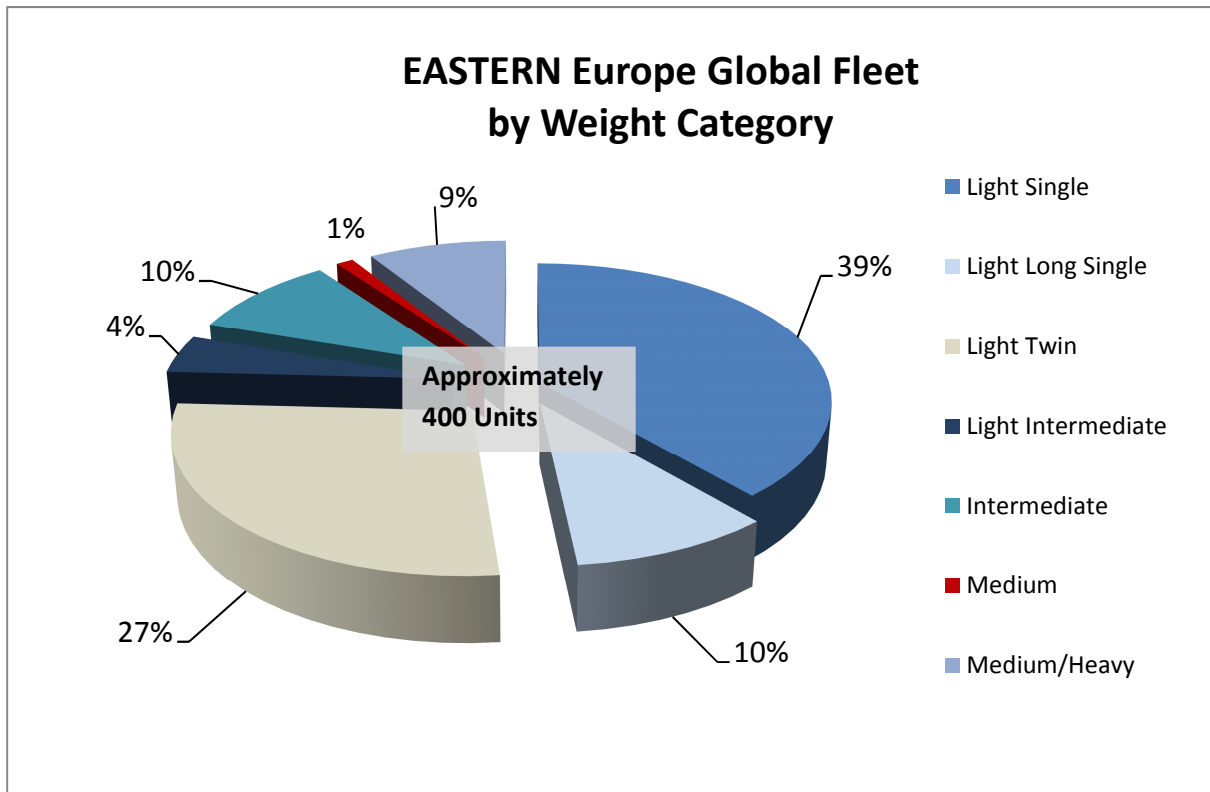
In order to give a general overview of the total helicopter fleet the chart “Civil Fleet General Overview” here below includes also Light and Light Long Single categories (table blue shaded).

2 CIVIL FLEET - GENERAL OVERVIEW

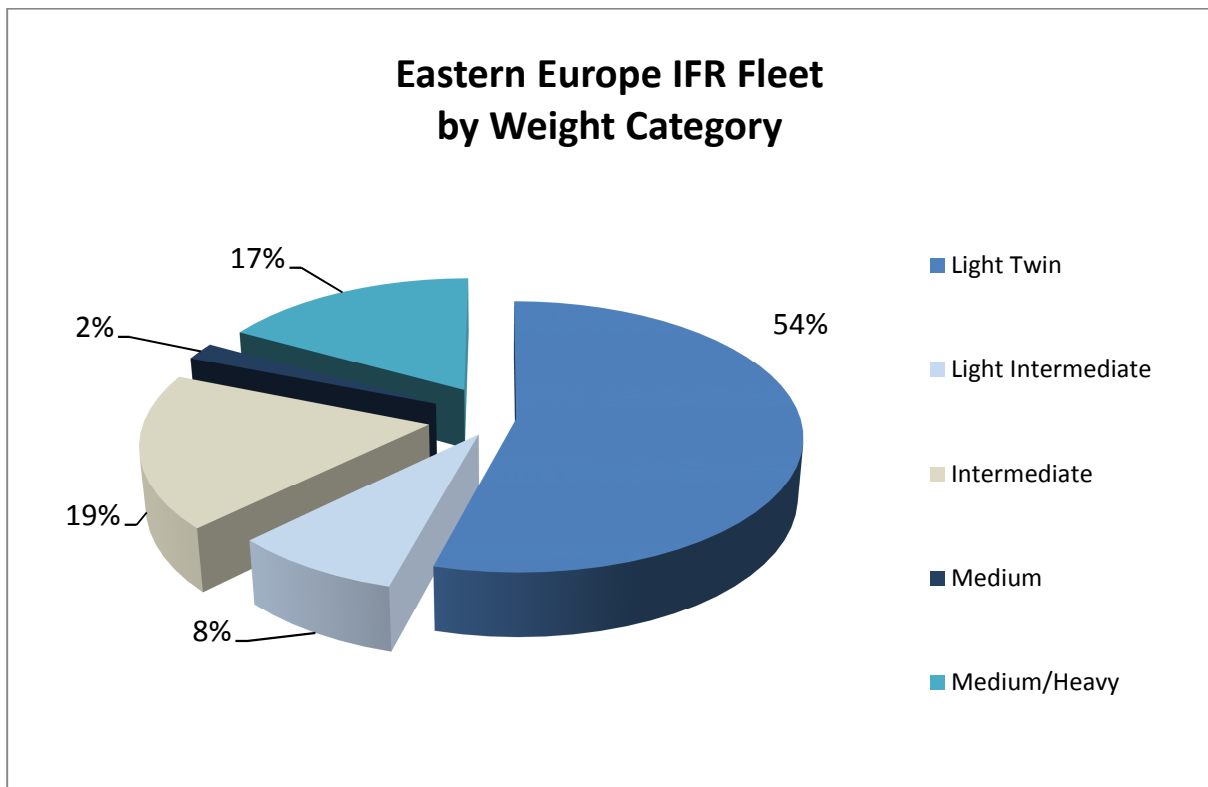
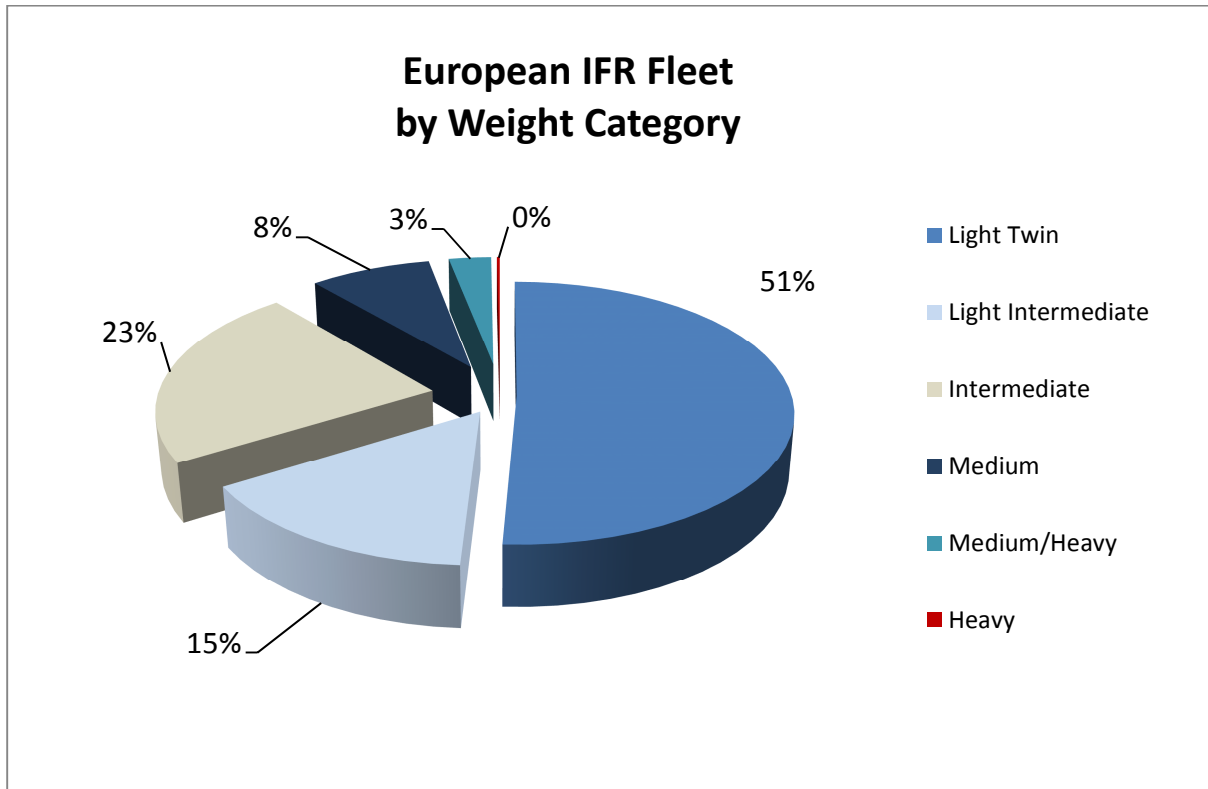
EUROPE Geographical	Weight Category	Civil (C)	Governmental (G)	Total (C+G)
Europe	Light Single	953	74	1027
	Light Long Single	849	19	868
	Light Twin	813	186	999
	Light Intermediate	244	66	310
	Intermediate	354	90	444
	Medium	127	31	158
	Medium/Heavy	51		51
	Heavy		4	4
Europe Total		3391	470	3861
Eastern Europe	Light Single	108	31	139
	Light Long Single	28	7	35
	Light Twin	87	12	99
	Light Intermediate	16		16
	Intermediate	17	18	35
	Medium	4		4
	Medium/Heavy	31	1	32
	Eastern Europe Total		291	69

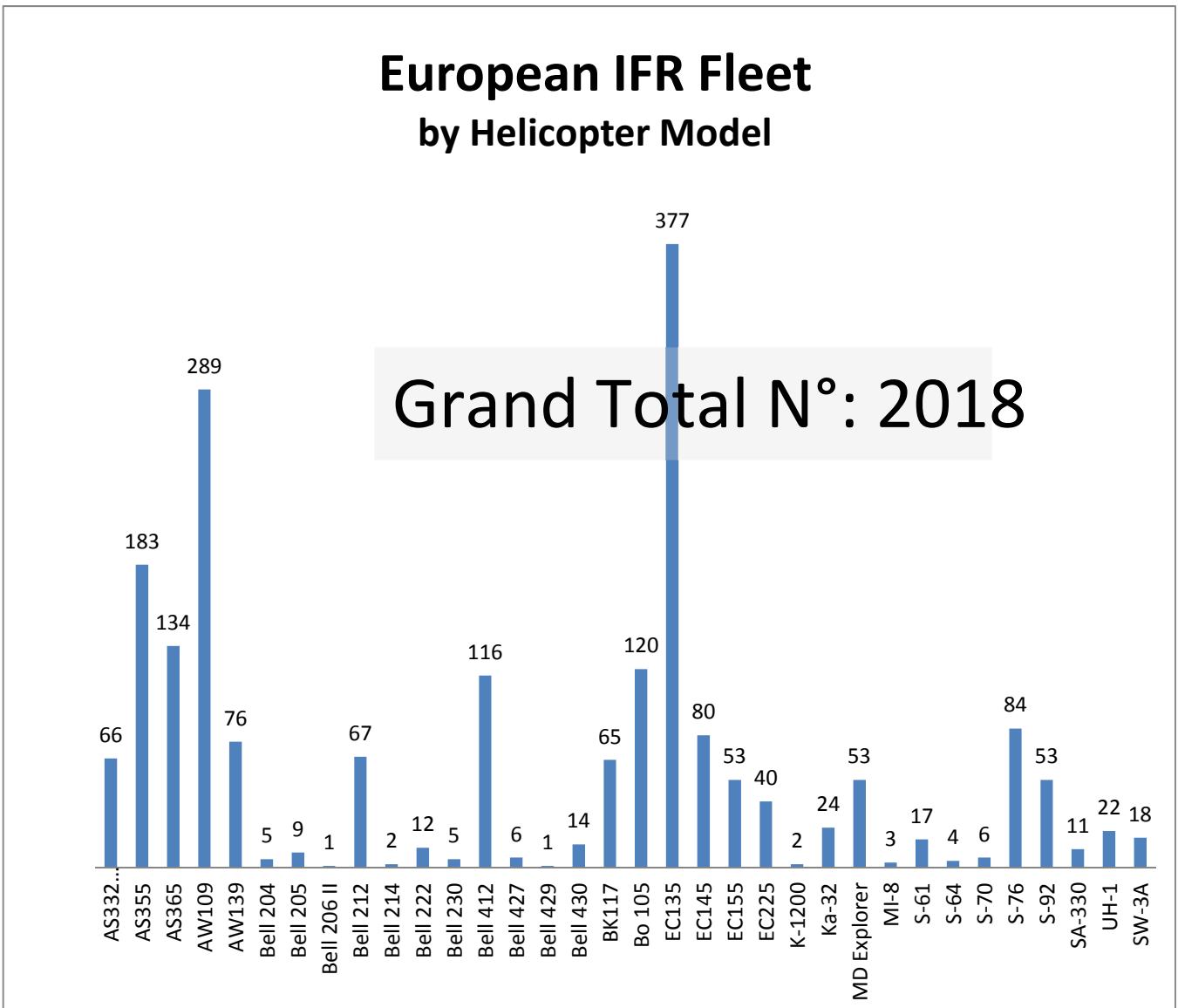


Note: Russian Country not considered in this analysis.



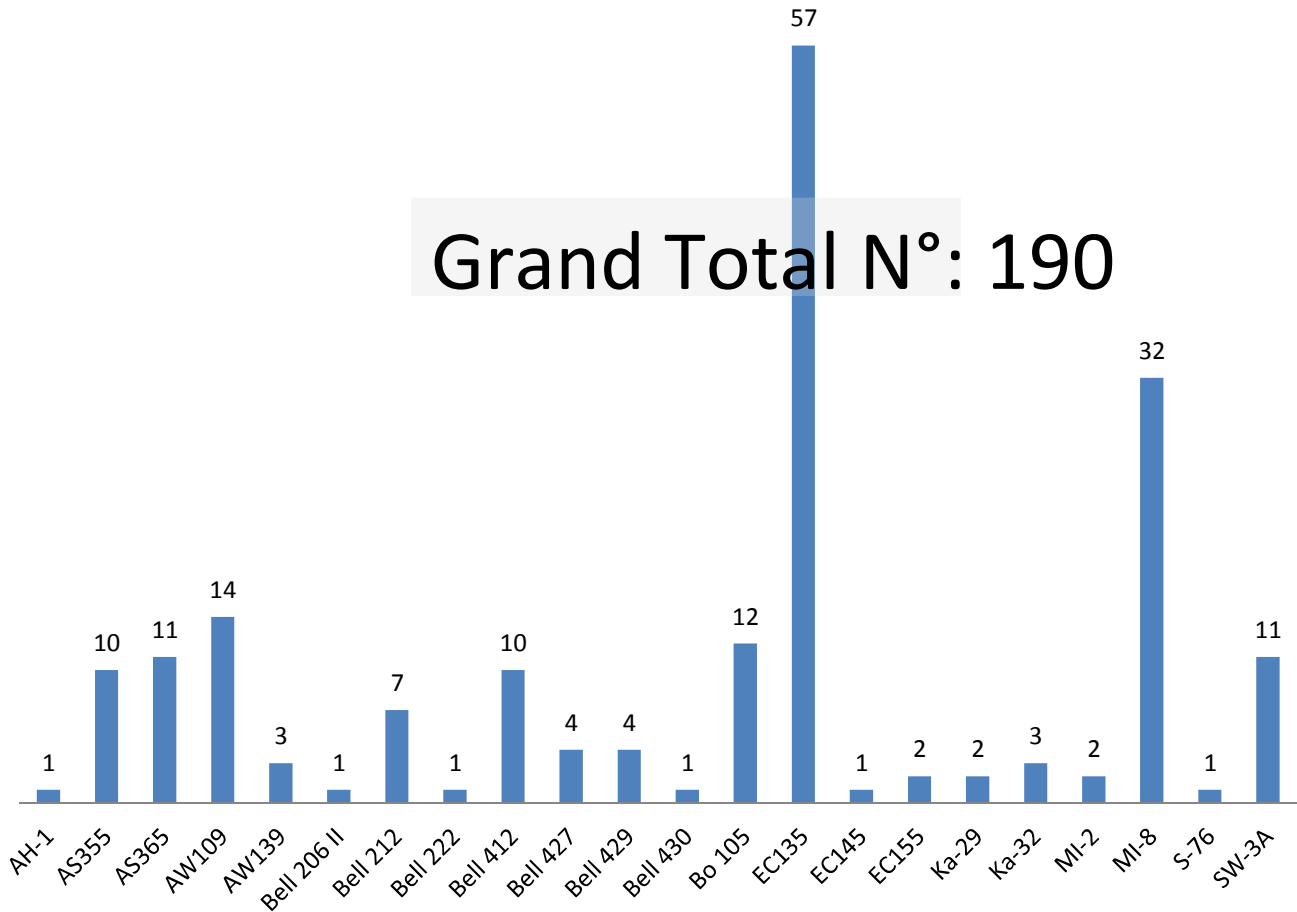
3 EUROPE AND EASTERN EUROPE IFR HELICOPTER FLEET





Eastern Europe IFR Fleet by Helicopter Model

Grand Total N°: 190



4 EUROPE IFR FLEET DETAILS, DIVIDED BY COUNTRY, WEIGHT CATEGORY, CIVIL AND GOVERNMENTAL CLASSIFICATION

EUROPE Geographical	Country	Weight cat.	Civil (C)	Governmental (G)	Total (C+ G)	
Europe	Austria	Light Twin	52		52	
		Light Intermediate	2		2	
		Intermediate	5		5	
	Austria Total			59		59
	Belgium	Light Twin	11	4	15	
		Light Intermediate	14		14	
		Intermediate	4		4	
		Medium	1		1	
	Belgium Total			30	4	34
	Cyprus	Intermediate	1		1	
		Medium	2		2	
	Cyprus Total			3		3
	Denmark	Light Twin	6		6	
		Light Intermediate	1		1	
		Intermediate	8		8	
		Medium	4		4	
	Denmark Total			19		19
	Faroe Islands	Intermediate	2		2	
	Faroe Islands Total			2		2
	Finland	Light Twin	9		9	
		Light Intermediate	1		1	
		Intermediate	1		1	
	Finland Total			11		11
	France	Light Twin	87		87	
		Light Intermediate	30	35	65	
		Intermediate	10		10	
		Medium	5		5	
France Total			132	35	167	
Germany	Light Twin	129	71	200		
	Light Intermediate	53	13	66		
	Intermediate	32	24	56		
	Medium	6	20	26		
Germany Total			220	128	348	
Greece	Light Twin	24	5	29		
	Light Intermediate	2	3	5		
	Intermediate	2		2		
	Medium		2	2		

Greece Total		28	10	38
Greenland	Intermediate	7		7
	Medium	2		2
Greenland Total		9		9
Iceland				
Iceland	Light Twin Plus	1		1
	Medium	2		2
Iceland Total		3		3
Ireland	Light Twin	5		5
	Light Intermediate	6		6
	Intermediate	1		1
	Medium	5		5
	Medium/Heavy	1		1
Ireland Total		18		18
Italy	Light Twin	93	18	111
	Light Intermediate	28	2	30
	Intermediate	32	63	95
	Heavy		4	4
Italy Total		153	87	240
Liechtenstein	Light Twin	2		2
	Intermediate	1		1
Liechtenstein Total		3		3
Luxembourg	Light Twin	9	1	10
	Light Intermediate	1		1
	Intermediate	1		1
Luxembourg Total		11	1	12
Monaco	Light Twin	4		4
	Light Intermediate	1		1
	Intermediate	2		2
Monaco Total		7		7
Netherlands	Light Twin	14	6	20
	Light Intermediate	1		1
	Intermediate	18	2	20
Netherlands Total		33	8	41
Norway	Light Twin	18	1	19
	Light Intermediate	10		10
	Intermediate	11		11
	Medium	26		26
	Medium/Heavy	30		30
Norway Total		95	1	96
Portugal	Light Twin	6		6
	Light Intermediate	12		12

	Intermediate	8		8
	Medium	7		7
Portugal Total		33		33
Spain	Light Twin	69	73	142
	Light Intermediate	14	7	21
	Intermediate	98	3	101
	Medium	17	1	18
Spain Total		198	84	282
Sweden	Light Twin	10	6	16
	Light Intermediate	8		8
	Intermediate	14		14
Sweden Total		32	6	38
Switzerland	Light Twin	44	2	46
	Light Intermediate	10		10
	Intermediate	7		7
	Medium	5		5
Switzerland Total		66	2	68
Turkey	Light Twin	23	5	28
	Light Intermediate	9	6	15
	Intermediate	10		10
	Medium		8	8
Turkey Total		42	19	61
United Kingdom	Light Twin	219		219
	Light Intermediate	40		40
	Intermediate	87		87
	Medium	53		53
	Medium/Heavy	27		27
United Kingdom Total		426		426
Europe Grand Total		1633	385	2018

5 EASTERN EUROPE IFR FLEET DETAILS, DIVIDED BY COUNTRY, WEIGHT CATEGORY, CIVIL AND GOVERNMENTAL CLASSIFICATION

EUROPE Geographical	Country	Weight cat.	Civil (C)	Governmental (G)	Total (C+ G)
Eastern Europe	Albania	Light Twin		2	2
		Medium/Heavy		1	1
	Albania Total			3	3
	Bulgaria	Light Twin	2		2
		Light Intermediate	1		1
		Medium	4		4
		Medium/Heavy	17		17
	Bulgaria Total		24		24
	Croatia	Intermediate		1	1
	Croatia Total			1	1
	Czech Republic	Light Twin	19	7	26
		Intermediate	1	5	6
		Medium/Heavy	2		2
	Czech Republic Total		22	12	34
	Estonia	Intermediate	1		1
	Estonia Total		1		1
	Hungary	Light Twin	10		10
		Light Intermediate	2		2
		Medium/Heavy	1		1
	Hungary Total		13		13
	Latvia	Light Twin Plus	2		2
		Medium/Heavy	5		5
	Latvia Total		7		7
	Lithuania	Light Twin	1		1
	Lithuania Total		1		1
	Macedonia	Intermediate		2	2
	Macedonia Total			2	2
	Montenegro	Intermediate		2	2
	Montenegro Total			2	2
	Poland	Light Twin	31		31
Light Intermediate		2		2	
Intermediate		11	1	12	
Poland Total		44	1	45	
Romania	Light Twin	13	1	14	
	Light Intermediate	8		8	
	Intermediate	4		4	

Romania Total		25	1	26
Serbia	Intermediate		4	4
Serbia Total			4	4
Slovakia	Light Twin	15		15
	Light Intermediate	1		1
	Medium/Heavy	6		6
Slovakia Total		22		22
Slovenia	Light Twin		2	2
	Intermediate		3	3
Slovenia Total			5	5
Eastern Europe Grand Total		159	31	190

7 SUMMARY

For completeness of information and, taking into account the CIS countries (1312 units) we can summarize the IFR helicopter fleet as follows:

- Excluding CIS countries (only Europe and East Europe), total IFR helicopter fleet:
2208 units
- Including CIS countries, total IFR helicopter fleet:
3520 units