# **EDA Conference 2009**Helicopters – Key to Mobility

**Jindrich Ploch** 



#### **Answers**

- Industry Requirements
- D multi-year contracts enabling long-term planning for R&D and manufacturing:

#### **STABILITY**

- D desirable increase in military budgets
- 2 Industry Major Threats
- D low rate productions
- 2 increasing price
- 2 expensive labor
- Industry Transatlantic Prospective
- USA as a major customer for LOM PRAHA good future perspective



#### **LOM PRAHA Solution**

#### **Precise Life Cycle Support**

**Q**repairs

Qoverhauls

**Q**upgrades

**Q**in-theatre support

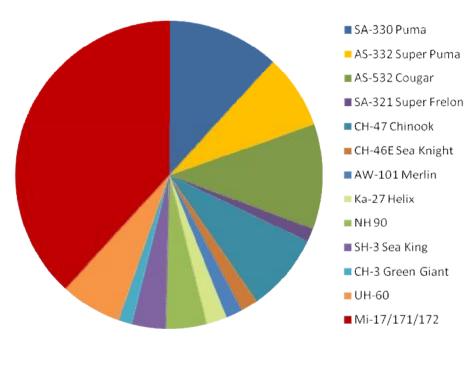
**Q**training



#### **LOM PRAHA Solution**

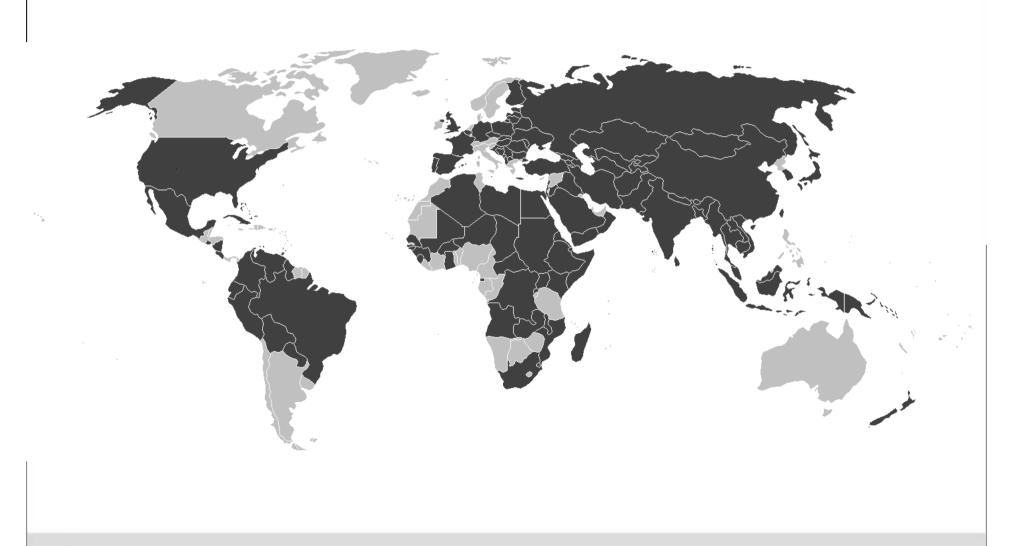
#### **World Medium Weight Helicopter Operators**

<u>Type</u>	Operators (countries)	
SA-330 Puma	33 (inc. license production)	
AS-332 Super Puma	22 (inc. license production)	
AS-532 Cougar	31 (inc. license production)	
SA-321 Super Frelon	4 (inc. license production)	
CH-47 Chinook	23	
CH-46E Sea Knight	5	
AW-101 Merlin	5	
Ka-27 Helix	6	
NH 90	12	
SH-3 Sea King	10	
CH-3 Green Giant	4	
UH-60	18	
Mi-17/171/172	107 (inc. license production)	
	SA-330 Puma AS-332 Super Puma AS-532 Cougar SA-321 Super Frelon CH-47 Chinook CH-46E Sea Knight AW-101 Merlin Ka-27 Helix NH 90 SH-3 Sea King CH-3 Green Giant UH-60	SA-330 Puma  AS-332 Super Puma  AS-532 Cougar  SA-321 Super Frelon  CH-47 Chinook  CH-46E Sea Knight  AW-101 Merlin  Ka-27 Helix  NH 90  SH-3 Sea King  CH-3 Green Giant  UH-60  33 (inc. license production)  4 (inc. license production)  4 (inc. license production)  5  4 (inc. license production)  10  11  12  13  14  15  16  17  18





# Mi-8/17/171 World Operators





## Mi-8/17/171 Helicopters

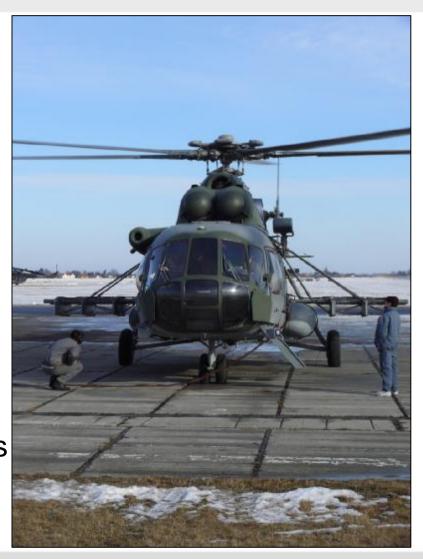
- Q Most wide-spread in the world (over 11.000 helicopters)
- Q Most deployed (over 50 interstate or local conflicts)
- Q NATO and EU member countries
  - **Q** Interoperability
  - **Q** Other NATO users' experience
  - Q Most reliable and combat resistant transport helicopter (Iraq, Afghanistan)
- Q Deployment in all weather and geographic conditions (lowlands, mountains, deserts, arctic, tropical or moist areas, etc.)





### Mi-8/17/171 Advantages

- **Q** production
- **Q** tailored to bulky load transport
- **Q** APU (frequent take-offs)
- **Q** dust filters
- **Q** auxiliary external fuel tanks
  - **Q** extended flight range
- **Q** highest scope of used armament
- **Q** highest number of weapon racks
- **Q** highest armament weight
- **Q** high operational/technical reliability
- Q cheapest acquisition/technical costs
- **Q** outstanding weight/power rate

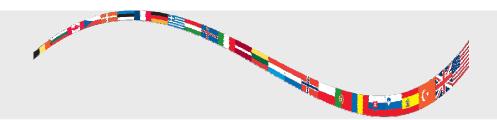




#### Conclusions

- Q LOM PRAHA is ready to cooperate with EDA/EU
- Q LOM PRAHA is a legitimate, approved and certified provider of MIL helicopters overhaul/maintenance within EU countries
- **Q LOM PRAHA capabilities are accepted by OEM partners**
- Q Helicopter Initiative (HI) right way how to solve helicopter shortage within EU/NATO countries
- Q EDA/EU shall set the criteria for future activities





#### Questions?

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