

BACKGROUND: Markku Tapani Koivurova
 Born 31.12.1956 in Vaasa, Finland
 Mechanical Design Technician
 Language skills: Finnish, English
 Married with two children

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HOBBIES: Aviation Photography
 Hiking

		<i>Date (dd/mm/yy)</i>
EDUCATION:	Rovaniemi Vocational School Entrepreneur Training	01.12.92–30.03.93
	Lapland University Rovaniemi area entrepreneurship course I	25.09.84–19.06.85
	Jyväskylä Technical School of Engineering Machine Construction Course	04.02.80–14.05.80
	Tampere Adult Education Centre Machine Workshop Course	05.11.79–18.01.80
	Tampere University of Applied Sciences Course of Aeronautical Engineering	02.05.78–26.05.78
	Oulu Technical School of Engineering Construction Technology Major	01.09.75–30.04.78
	Häme University of Applied Sciences, Professional Teacher Education Car Mechanic program	23.08.72–31.05.74
WORK EXPERIENCE:	Atol Avion Ltd Rovaniemi CEO, Chairman of the board, Technical Director	01.07.12--17.12.18
	Atol Design Ltd, Rovaniemi CEO, entrepreneur	15.01.94–
	Helijet Maintenance Ltd, Rovaniemi Quality Manager	01.06.93–15.01.94

Part of the team that created JAR-145 quality management system
(related to ISO-9000 system) for Helijet Maintenance Ltd:lle 15.01.93–31.05.93

	Martekno Ky, Martekno Finland Ltd, Rovaniemi Entrepreneur, CEO, Technical Director	04.12.85–13.11.91
	Nordtrac Ltd, Rovaniemi Technician, R&D	24.11.80–30.11.85
	Finncat Vehicles Ltd, Oulu Technician, R&D	14.05.80–18.11.80
	Eiri Ky/Eiriavion, Jämijärvi Technician, R&D project	13.09.79–31.10.79
	Eiriavion Ltd, Jämijärvi Trainee, Technical Office	01.05.76–01.09.78
	Molino Ltd, Jämijärvi Aviation Mechanic	30.09.74–15.08.75
	Oulun lentokonekorjaamo Ltd Junior Aviation Mechanic	01.06.74–16.08.74
MILITARY SERVICE:	Lapland Air Command, Rovaniemi Gunsmith Corporal	16.10.78–10.09.79
CERTIFICATES, PERMITS, AUTHORISATIONS:	<ul style="list-style-type: none"> ▪ Glider Pilot Licence ▪ Motor Glider extension ▪ Private Pilot Licence (helicopter) ▪ Ultralight Pilot Licence (UPL) ▪ Private Pilot Licence (fixed wing) ▪ Aircraft Weight and Balance Certification ▪ Aircraft Inspector Permit for Hang Gliders and Ultra Light Aircrafts ▪ Inspector Permit for Experimental Aircrafts and Type Certified Motor Gliders and Gliders ▪ Continuous training for maintaining inspector permit ▪ SEP Sea to PPL 	<ul style="list-style-type: none"> since 1976 since 1983 since 1984 since 1985 since 1991 since 1982 since 1983 since 1985 since 2017

OTHER:	<ul style="list-style-type: none"> ▪ Consultant for Finnish Safety Inspection Authority (OTKES) since 2006 ▪ TuoteStart consultant (certified by former Trade and Industry Secretariat of Finland) since 2003 	
SPECIAL TRAINING:	<p>Articad Ltd, Järvenpää</p> <ul style="list-style-type: none"> ▪ Pro/E Cabling course 25.–27.09.00 ▪ Pro/E Mechanica course 07.–09.03.00 ▪ Pro/E 2D drawing course 09.–11.02.98 <p>Parametric Technology Finland Ltd, Espoo</p> <ul style="list-style-type: none"> ▪ Pro/Mechanica Structure & Motion course 20.–24.10.97 <p>Articad Ltd, Järvenpää</p> <ul style="list-style-type: none"> ▪ Basics of Visualisation 23.09.97 ▪ Pro/Sheetmetal course 22.–23.05.97 ▪ Pro/E Surface course 26.–28.11.96 ▪ Pro/E Advanced Assembly Design course 01.–04.04.96 ▪ Pro/E Advanced Part Design course 11.–13.03.96 <p>Lapland Vocational College</p> <ul style="list-style-type: none"> ▪ Audit techniques ▪ Aircraft Maintenance Shop training for persons in charge 28.–29.06.93 15.–18.03.93 <p>Suomen urheiluilmailuopisto (SUIO), Räyskälä</p> <ul style="list-style-type: none"> ▪ Follow-up course on fibre-reinforced plastic structure repair -84 	
REFERENCE WORK: <i>(only largest projects)</i>	<ul style="list-style-type: none"> ▪ ATOL AVION LTD, Restart of amphibian aircraft project since 2011 ▪ EPOMARE LTD/Baltic Yachts, Panamax/Hetairos Yacht Power Plant, Lead Designer 2009–2011 ▪ WINWIND LTD, Design and manufacturing of clamping tools 2009 ▪ SÁMI EDUCATION INSTITUTE, Design and manufacturing of machine that scrapes reindeer leg hide since 2009 ▪ FOUNDATION FOR FINNISH INVENTIONS, Prototype design and manufacturing 2008, ongoing ▪ KALOTTIKONE LTD, Design of steam generator 2008, ongoing ▪ KEMIJOKI LTD, Mechanical design, prototyping and small scale production of wide-angle sonars 2003, ongoing ▪ EPOMARE LTD, Design of gas turbine powered hydraulic power source 1999–2002 	

- GEOLOGIAN TUTKIMUSKESKUS, 1998–2000
Design and prototyping of high voltage stone disintegrator 1998–2000
- OPTOMAKER LTD, 1998–1999
Design and productization of a medical instrument, project leader
- LAPPSET-GROUP LTD, 1997
Design and productization of spring joint
- LAAVU, 1996
Productization of sauna stove
- LYNX RAVE 150, 1989
Design, prototyping, and production launch of snowmobile for children
- LYNX, 1986
Design of Easy Ride rear suspension
- RAIKULI, 1986–1991
Design of snowmobile for children
- ATOL, 1986
Design and realization of amphibian aircraft
- Design and realization of type certified external load bearing transportation rack for helicopters 1986
- Design and realization of type certified helicopter skis 1986
- LYNX GLS-3300, 1984–1985
Design of first LYNX sporting snowmobile
- LYNX 650, 1981
Design of first 600mm track width snowmobile with glide chassis
- PIK-20D, 1977
Design of cockpit ergonomics for the PIK-20D glider