SAFA

Safety Assessment of Foreign Aircraft
Programme



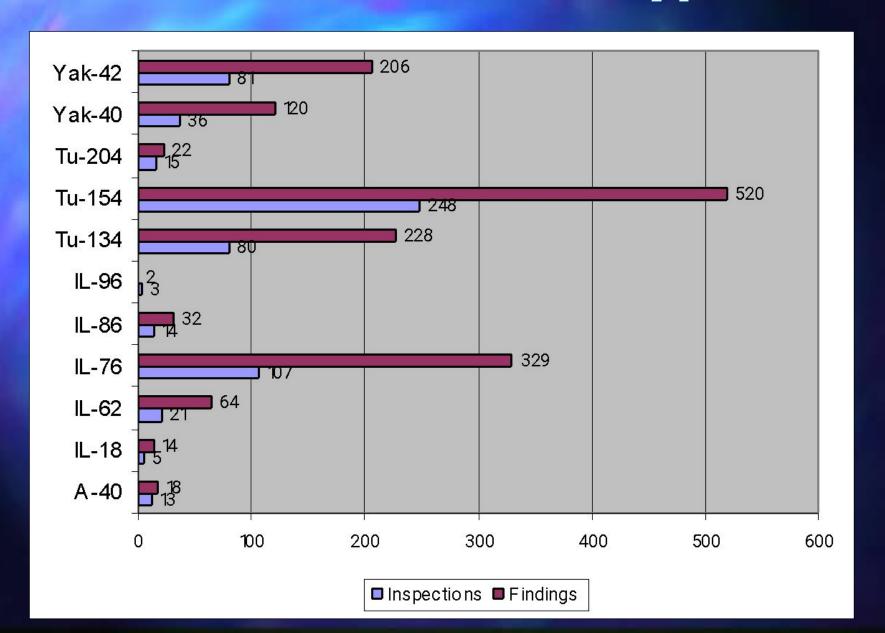


Wim Ovaa - SAFA Programme Co-ordinator

SAFA results: aircraft types Russian Federation State of Design

		20	00	20	0.1	20	1-1-1			
		20	00	20	01	20	02		total	
aircraft type	code	Ι	F	Ι	F	Ι	F	Ι	F	F/I
Beriev A-40	BE40	6	8	3	9	4	1	13	18	1.38
Ilyushin Il-18	IL18	3	8	1	2	1	4	5	14	2.80
Ilyushin Il-62	IL62	10	27	7	12	4	25	21	64	3.05
Ilyushin Il-76	IL76	42	109	44	150	21	70	107	329	3.07
Ilyushin Il-86	IL86	2	2	6	23	6	7	14	32	2.29
Ilyushin Il-96	IL96	0	0	2	2	1	0	3	2	0.67
Tupolev Tu-134	T134	29	82	38	129	13	17	80	228	2.85
Tupolev Tu-154	T154	54	136	62	110	132	274	248	520	2.10
Tupolev Tu-204	T204	5	6	6	5	4	11	15	22	1.47
Yak-40	YK40	17	43	10	40	9	37	36	120	3.33
Yak-42	YK42	24	67	17	56	40	83	81	206	2.54
	total	192	488	196	538	235	529	623	1555	2.50

SAFA results: aircraft types



	Insp. per	findings (F)				ratio	
Description	item (III)	cat. 1	cat. 2	cat. 3	total	F(cat.2+3)/III	rank
A03 Equipment	32	7	7	4	18	0.344	1
A17 Harness	31	3	6	2	11	0.258	2
B13 Safety of passenger baggages	25	1	3	1	5	0.160	4

item A03: equipment

year	operator	code	registration	F cat.	remarks
2001	SEVERTAL-CHEREPOV ETS	7SO	RA-88296	2	NEITHER GPWS NOR SSOS INSTALLED

item A17: harness

year	operator	code	registration	F cat.	remarks
2001	SEVERTAL-CHEREPOV ETS	7SO	RA-88296	2	NO EVIDENCE OF EXPIRATION DATES
2001	SEVERTAL-CHEREPOV ETS	7SO	RA-87586	2	Seat belts instead of harnesses
2000	ROSNEFT-BALTIKA, JSC	RNB	RA-21500	3	No harness for flight crew

	Insp. per		findi	ngs (F)	ratio		
Description	item (III)	cat. 1	cat. 2	cat. 3	total	F(cat.2+3)/III	rank
A03 Equipment	61	2	17	1	20	0.295	2
B07 Emergency exit, lighting and marking, torches	61	1	9	2	12	0.180	5
B12 Access to emergency exits	62		9		9	0.145	6

item A03: equipment

year	operator	code	registration	F cat.	remarks
2001	VOLGA AVIAEXPRESS COMPANY LTD.	WLG	RA-42364	2	aircraft not equipped with GPWS only CCOC

item B07: Emergency exit, lighting and marking, torches

year	operator	code	registration	F cat.	remarks
2002	ENKOR, JOINT STOCK COMPANY	ENK	RA-42388	2	Not all torches are usable for the cabin stations.

item B12: access to emergency exits

year	operator	code	registration	F cat.	remarks
2001	SARATOV AVIATION DIVISION	SOV	RA-42346	2	Overwing emergenca exits are blocked by seat rows (back rests)
2002	ENKOR, JOINT STOCK COMPANY	ENK	RA-42388	2	Overwing emergency exits are blocked by seats.

SAFA results: IL-76

	Insp. per		findin	gs (F)	ratio		
Description	(III)	cat. 1	cat. 2	cat. 3	total	F(cat.2+3)/II I	rank
A07 Minimum Equipment List	79	4	10		14	0.127	6
A17 Harness	82	7	17	10	34	0.329	1
A18 Oxygen equipment	78	6	11	2	19	0.167	1

SAFA results: IL-76

item A17: Harness

year	operator	code	registration	F cat.	remarks
2001	VOLGA-DNEPR	VDA	EW-76737	3	2 seats missing harness in cockpit
2001	ATRAN-AVIATRAN S CARGO AIRLINES	VAS	RA-76820	3	NO HARNESS AT F/E AND R/O SEAT IN COCKPIT
2000	AVIAPRAD, JOINT-STOCK COMPANY	VID	RA-76386	2	Only Capt and F/O had full harnesses. Other crew had lapstraps only.
2001	ATRAN-AVIATRAN S CARGO AIRLINES	VAS	RA-76820	2	There are no harness for F/E, Nav and Radiooperator seat
2001	AEROFLOT	AFL	RA-78844	2	Seat belts instead of harness for the F/E/Nav. and operator seats
2001	EAST LINE AIRLINES	ESL	UN	2	PILOTS SEATS HARNESSES NOT USED AND FLIGHT ENGINNER SEAT NOT EQUIPED
2002	VOLGA-DNEPR	VDA	RA-76758	2	HARNESS ONLY FOR THE 2 PILOTS.SEATS BELTS INSTEAD OF HARNESS FOR THE FLIGHT ENGINEER AND THE JUMP SEAT LOCATED BACK AND BETWEEN THE PILOTS SEATS.

SAFA results: IL-76

item A18: Oxygen equipment

year	operator	code	registration	F cat.	remarks
2000	MAGADANAVIAL ISING, JSC	MLZ	RA-76787	2	NOT ACCORDING TO ANNEX 6
2001	VOLGA-DNEPR	VDA	RA-76758	2	Oxygen equipment is not usable for cockpit crew
2001	AEROFLOT - RUSSIAN INT. AIRL.	AFL	RA-78844	2	Oxygen masks for the cockpit crew are not usable
2001	EAST LINE AIRLINES	ESL	UN	2	THE O2 MASKS CONNECTED DON'T HAVE PROTECTION AGAINST SMOKE. SEVERAL OLD FULL FACES ARE STOWED IN A COCKPIT'S RACK.

	Insp. per item (III)		findin	gs (F)		ratio	
Description	item (III)	cat. 1	cat. 2	cat. 3	total	F(cat.2+3)/III	rank
A03 Equipment	56	1	17		18	0.304	1
A17 Harness	59	4	11	2	17	0.220	3
A18 Oxygen equipment	55	1	4	3	8	0.127	8
B02 Cabin attendant station	53	2	6		8	0.113	9

	Insp. per		findin	gs (F)	ratio		
Description	item (III)	cat. 1	cat. 2	cat. 3	total	F(cat.2+3)/II I	rank
B07 Emergency exit, lighting	55	5	8	1	14	0.164	6
B09 Oxygen supply	51	7	8	1	16	0.176	4
B12 Access to emergency exits	57	4	13	2	19	0.263	2

item A03: Equipment

year	operator	code	registration	F cat.	remarks
2002	AEROFLOT	AFL	RA-65623	2	SSOS instead of GPWS
2001	AEROFLOT	AFL	RA-65783	2	CCOC instead of GPWS
2000	AERO RENT, JOINT STOCK COMPANY	NRO	RA-65557	2	Only SSOS installed
2000	AIR ENTERPRISE PULKOVO	PLK	RA-65004	2	GPWS NOT IN ACCORDANCE WITH ICAO ANNEX 6;NO TCAS ON BOARD
2000	AIR ENTERPRISE PULKOVO	PLK	RA-65144	2	SSOS installed, but not demonstrated to the inspectors.
2001	TULPAR	TUL	RA-65079	2	NO GPWS BUT SSOS ONLY
2000	ERMOLINO FLYING TEST	FFF	DA 65000	2	
2000	RESEARCH	EFE	RA-65099	2	CCOC only.
2001	UNKNOWN	UN	RA-65692	2	CCOC fitted to this aircraft
2001	UNKNOWN	UN	RA-65692	2	ONLY CCOC ON BOARD
2000	FLIGHT RESEARCH INST.,	LTT	RA-65926	2	CCOC instead of CDWS
2000	GROMOV	LII	KA-03920	2	CCOC instead of GPWS.

item A17: Harness

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year	operator	code	registration	F cat.	remarks
2000	AIR ENTERPRISE	D1.14	D.4. 6500.4		NO LIABNIEGO AT ANNA ODENA GTATION
2000	PULKOVO	PLK	RA-65004	2	NO HARNESS AT ANY CREW STATION
2001	TULPAR	TUL	RA-65079	3	FLIGHT ENGINEER'S AND NAVIGATOR'S SEATS ARE NOT EQUIPED WITH HARNESSES (ONLY SEAT BELTS)
2000	AIR ENTERPRISE PULKOVO	PLK	RA-65113	2	Harness available but not in use
2001	AIR ENTERPRISE PULKOVO	PLK	RA-65113	2	No shoulder straps for flight engineer or navigator fitted.
2001	AIR ENTERPRISE PULKOVO	PLK	RA-65088	2	No shoulder harness for Navigator and Flight Engineer
2001	UNKNOWN	UN	RA-65692	2	CREW MEMBERS SEATS HARNESS NOT USED DURING THE FLIGHT

item A18: Oxygen equipment

year	operator	code	registration	F cat.	remarks
2001	PERM STATE AIR ENTERPRIS E	PGP	RA-65775	2	Crew oxygen equipment original issue, badly in need of replacement
2002	AEROFLOT - RUSSIAN INT. AIRL.	AFL	RA-65623	2	No direct access to oxygen equipment
2001	TULPAR	TUL	RA-65079	3	OXYGEN EQUIPMENT UNSUITABLE FOR EMERGENCY USE (SMOKE PROTECTION NOT EASILY AVAILABLE IN FLIGHT)
2002	RUSAIR, JOINT-STO CK AIR COMP.	CGI	RA-65756	2	Oxygen masks for the cockpit crew are not according ICAO annex 6
2001	UNKNOWN	UN	RA-65943	3	THE O2 SYSTEM IS CONNECTED BUT WITHOUT EYES PROTECTION. IT IS NECESSARY TO DISCONNECT THE SYSTEM AND TO CONNECT AN OTHER MASK (OLD ONE) IN CASE OF SMOKE IN THE COCKPIT

item B02: Cabin attendant's station and crew rest area

year	operator	code	registration	F cat.	remarks
2001	AEROFLOT - RUSSIAN INT. AIRL.	AFL	RA-65566	2	Cabin attendant's seat equiped with seat belt only
2000	AIR ENTERPRISE PULKOVO	PLK	RA-65004	2	NO HARNESS AT C/A STATION

item B07: Emergency exit, lighting and marking, torches

year	operator	code	registration	F cat.	remarks
2000	AIR ENTERPRISE PULKOVO	PLK	RA-65004	2	NO TORCH AT CABIN CREW POSITION REAR; NO FLOOR PROX. LIGHTING
2001	TULPAR	TUL	RA-65079	3	NO ESCAPE PATH FLOOR MARKINGS, NO TORCHES
2000	ERMOLINO FLYING TEST RESEARCH	EFE	RA-65099	2	Emergency exit lights partly u/s

item B09: Oxygen Supply

year	operator	code	registration	F cat.	remarks
	PERM STATE AIR				
2001	ENTERPRIS E	PGP	RA-65775	2	No passenger emergency oxygen system, flight planned at 10.600 meters altitude
2000	AIR ENTERPRIS E PULKOVO	PLK	RA-65113	3	Flight authorised up to FL250 because of oxygen system
2001	AIR ENTERPRIS E PULKOVO	PLK	RA-65088	2	Passenger safety card shows drop down oxygen system which is not fitted in this aircraft.
2001	AEROFLOT DON/DONA VIA	DNV	RA-65796	2	Insufficient amount of portable oxygen bottles
2000	AIR ENTERPRIS E PULKOVO	PLK	RA-65113	2	Only five bottles of oxygen for all passengers.

item B12: Access to emergency exits

year	operator	code	registration	F cat.	remarks
2001	PERM STATE AIR ENTERPR.	PGP	RA-65775	2	All seat backs foldable to fwd position blocking emergency exits (now only 15 passengers)
2000	PULKOVO	PLK	RA-65004	2	FRONT OVERWING EXITS BOTH SIDES SEAT BACKS WILL BLOCK EMERGENCY EXIT IF PAX IN SEAT; REAR OVERWING EXITS BOTH SIDES SEATBACKS NOT SECURED AND COULD BLOCK EMERGENCY EXIT
2000	PULKOVO	PLK	RA-65144	2	Emergency Exit impeded by seats at the 2 forward positions / over-wing.
2000	PULKOVO	PLK	RA-65113	2	Emergency exits can be blocked by the backrest of the seats (no breakover type seats)
2002	PULKOVO	PLK	RA-65109	2	Forward overwing emergency exits are blocked by seat rows
2001	PULKOVO	PLK	RA-65088	3	Forward galley area has unrestrained catering equipment in several locations.
2001	AEROFLOT DON/DONA VIA	DNV	RA-65100	2	Blocked by luggage

	Insp. per item (III)		findin	ıgs (F)	ratio		
Description	item (III)	cat. 1	cat. 2	cat. 3	total	F(cat.2+3)/III	rank
A03 Equipment	160	10	34	2	46	0.225	2
A17 Harness	152	11	30	3	44	0.217	3
B02 Cabin attendant station	157	7	32	2	41	0.217	4
B07 Emergency exit, lighting	146	14	21	5	40	0.178	5
B12 Access to emergency exits	164	11	36	4	51	0.244	1

item B12: Access to emergency exits

year	operator	code	registration	F cat.	remarks
2001	AEROFLOT	AFL	RA-85811	2	Passenger seat backs forward of over-wing emergency exits row 16 and 18 are not blocked in upright position. Two seat rows are blocking over-wing exits.
2001	AIR ENTERPRISE PULKOVO	PLK	RA-85769	2	No access to the baggage/cargo compartment from pax cabin
2002	AEROFLOT	AFL	RA-85644	2	Access to emergency exits (over the wing) impeded by seats
2002	STATE TRANSPORT COMPANY	SDM	RA-85645	2	Access to emergency exits hampered by folding seat-backs
2002	AEROFLOT	AFL	RA-85649	2	Acces to emergency exits impeded by seats
2002	UTAR AVIATION, JSC	TMN	RA-85820	2	Access to emergency exits hampered by folding seat backs
2001	AEROFLOT	AFL	RA-85661	2	EMERGENCY EXITS IN REAR PAX CABIN ARE IMPEDED BY PAX SEATS
2002	URAL AIRLINES	SVR	RA-85807	2	Acces to emergency exits impeded by seats
2002	STATE TRANSPORT COMPANY	SDM	RA-85645	2	Access to emergency exits impeded by seats
2002	KOGALYMAVIA	KGL	RA-85787	2	Access to emergency exits hampered by folding seat-back, typical to type.

item A03: Equipment

year	operator	code	registration	F cat.	remarks
2001	AEROFLOT - RUSSIAN INT. AIRL.	AFL	RA-85811	2	CCOC installed instead of GPWS.
2002	AEROFLOT - RUSSIAN INT. AIRL.	AFL	RA-85644	2	CCOC instead of GPWS
2002	GAZPROMAVIA	GZP	RA-85778	3	NO RVSM OPERATION
2002	AEROFLOT - RUSSIAN INT. AIRL.	AFL	RA-85649	2	SSOS (3-channel) instead of GPWS
2001	AEROFLOT - RUSSIAN INT. AIRL.	AFL	RA-85661	2	SSOS INSTALLED
2002	URAL AIRLINES	SVR	RA-85807	2	SSOS (3 channel) instead of GPWS
2000	AEROFLOT - RUSSIAN INT. AIRL.	AFL	RA-85644	2	GPWS NOT IN ACCORDANCE WITH ANNEX 6
2002	GAZPROMAVIA	GZP	RA-95778	2	SSOS: 3 OR 5 CHANNELS COULD NOT CHECKED
2000	TATNEFTAERO	TNF	RA-85798	2	SSOS INSTEAD OF GPWS
2002	AVIAENERGO	ERG	RA-85797	2	TCAS INSTALLED BUT NO REFERENCE OF THE VERSION

item A17: Harness

year	operator	code	registration	F cat.	remarks
2001	AEROFLOT	AFL	RA-85811	2	Seat belt instead of harness installed on observers seat.
2001	AEROFLOT	AFL	RA-85661	2	NO HARNESSES FOR NAVIGATOR AND FLIGHT ENGINEER SEATS
2002	AEROFLOT	AFL	RA-85639	2	No shoulder harness for navigator
2002	EAST LINE AIRLINES	ESL	RA-85689	2	The seats for the navigator and for the flight engineer not equipped with harnesses
2002	PULKOVO	PLK	RA-85800	2	There are seatbelt instead of harness for the F/E, Operator and C/A seats
2001	AEROFLOT - RUSSIAN INT. AIRL.	AFL	RA-85644	2	Only captains seat is fitted with harness; seatbelts instead of harness are available for the other crew members only
2000	PULKOVO	PLK	RA-85800	2	No shoulderharnesses for FO and Captain
2000	TATNEFTAERO	TNF	RA-85798	2	HARNESS NOT AVAILABLE (COVERED), F/E AND OBS NO SHOULDER HARNESS
2001	ENKOR, JSC	ENK	RA-85789	2	Only seat belts for F/E and Nav. seats;thwere are no harness
2001	SIBERIA AIRLINES	SBI	RA-85699	2	Harness covered, removed before flight





The end