



IV MAŁOPOLSKI PIKNIK LOTNICZY



FLIGHT SAFETY REGULATIONS

The following flight safety regulations have been established in order to provide flight safety during the preparations and the airshow on June 30th, - July 1st, 2007. The regulations are in force during the arrivals, trainings, displays and departures of all aircraft.

1. Only the aircraft and crews reported in the approved airshow plan are allowed to take part in the air display
2. Manoeuvres other than approved aerobatic programs, at heights lower than approved and beyond marked display zone are forbidden.
3. For all aircraft participating in the display:
 - the minimum height of level flight without aerobatic figures is 100 m (328 ft)
 - transition to level flight after vertical aerobatic figures with descent must be above 300 m (984 ft) AGL
 - the minimum height of level flight aerobatic is 300 m (984 ft) AGL
 - the minimum height of the beginning of the aerobatic figures in climb and inverted flights is 120 m (393 ft) AGL
 - crossing the safety line during all air manoeuvres is forbidden
 - all manoeuvres towards the public sector must be completed at least 100 m ahead of the safety line
 - high angle of attack flights at low speeds are considered as aerobatic figures
4. For jet and turboprop aircraft participating in the air display:
 - exceeding the speed of Ma 0.9 is forbidden
 - the minimum height of flights with the speed of 460 km/h (250 kt) or more is 300 m (984 ft) AGL
5. For all helicopters participating in the display
 - the minimum height of level flight is 50 m (164 ft) AGL
 - transition to level flight after aerobatic figures must be completed above 100 m (328 ft) AGL
 - all other manoeuvres (except hover manoeuvres and passes) must be performed above 100 m (328 ft) AGL
 - all manoeuvres towards the public sector must be completed not closer than 100 m (328 ft) ahead of the safety line
 - flights with load on external mount must be done in sufficient distance from the public and airshow personnel sectors as well as parked aircraft and buildings, that possible load drop would not be dangerous for them



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6. Weather minima:

- "high" variant – overcast less than 4/8, ceiling 500 m (1,640 ft), visibility – 5 km (2.7 NM)
- "low" variant – overcast 4/8 or more

Class of aircraft	Type of air display		Weather minima		
			Ceiling		Visibility
			(m)	(ft)	(km)
Helicopters and other aircraft with the stall speed of 95 km/h or 50 kt	Passes and aerobatic in level flight	Single aircraft	150	500	1,5
		Formations	200	700	3,0
	Full aerobatic displays	Single aircraft	300	1000	3,0
		Formations	400	1300	5,0
Other aircraft	Passes and aerobatic in level flight	Single aircraft	200	700	3,0
		Formations	300	1000	5,0
	Full aerobatic displays	Single aircraft	500	1600	5,0
		Formations of piston powered aircraft	500	1600	5,0
		Formations of jet aircraft	1000	3300	8,0

7. Forbidden are:

- flights over the public sector
- exceeding the operating restrictions of aircraft
- performing any manoeuvres, that might be dangerous for the spectators
- performing flights by crews being under the influence of alcohol or other means that might affect the mental and physical fitness

8. During trainings and displays:

- current aviation rules, instructions and regulations
 - aircraft operating restrictions
 - safety instructions issued by the Airshow Flight Control
 - arrangements issued during briefings
- must be strictly obeyed

9. Multi engine aircraft must perform flights with the speed allowing immediate climb in case of an engine failure

10. During the display the manoeuvres must be performed within the display zone (within the radius of 300 m (984 ft) from the display zone center)



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11. The crews participating in the air display must possess valid qualifications to perform the display, confirmed by appropriate documents
12. The ground traffic on the apron is allowed only via marked ways
13. Exceptional cautiousness must be kept during the engines startup in the vicinity of the static display area
14. Flying into clouds during the display or training and during the approach to the display area is forbidden
15. The manager of a team participating in the display or training is obliged to designate and grant to the Airshow Director's disposal an instructor pilot who would help the crew of an aircraft in emergency situation
16. Sightseeing flights may be performed only by aircraft earmarked for this purpose by the airshow organizer. The flights may take place only in pauses between the displays.
 - weather minima: overcast 8/8, ceiling 300 m (984 ft) AGL, visibility 5 km (2.7 NM);
 - aircraft crew: commercial pilot and flight engineer or copilot
 - the number of passengers must not exceed the number specified in the Operating Manual of the aircraft
 - the passengers may embark and disembark and walk on the apron only under the supervision of the airshow personnel
 - children under 15 years of age may fly only with an adult supervisor
 - before taxi the crew is obliged to check if the passengers are properly seated and have safety belts fastened.
17. Aircraft participating in the airshow must not have any ordnance (gun ammunition, rockets, bombs), as well as external drop tanks with fuel.
18. The use of devices emitting powerful radiomagnetic and laser radiation, explosives, as well as passive and active countermeasures is forbidden.
19. The managers of teams participating in the airshow are obliged to check if displayed aircraft and other equipment meet safety requirements. The results of the control must be reported to the Airshow Director.
20. During training and display flights only the crew necessary to perform the task may be aboard the aircraft
21. Before each flight with passengers the disposer of the aircraft is obliged to make a list of persons aboard the aircraft and deposit it in a place determined by the Airshow Director
22. All crews participating in the airshow are obliged to take part in briefings everyday at 0900 hrs local time in the Pilot's Mess. The briefing's participants will confirm their presence with their own hand signatures.
23. Cancellation of a display flight must be reported to the Airshow Director at least 10 minutes before scheduled take-off.
24. All flights during the airshow will be performed according to to the local time (UTC+2hrs)



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CAUTION

- All radio commands of the Airshow Director must be executed exactly and immediately
- The Airshow Managing Team stipulates the right to impose additional restrictions in individual and group display programs.
- In situations, when the flight safety is jeopardized, the display must be interrupted and the crew should proceed according to the procedure concerning the aircraft in such situations
- The crews are obliged to obey the aircraft's restrictions imposed by the manufacturer, national authorities and other authorized organizations if more rigorous than given above.
- In order to provide safety during the airshow a safety line, which is the marked edge of the runway, is established. The safety line must not be crossed towards the public sector.
- **The holding zone for the time of the airshow is established over the town of Niepołomice, east of the aerodrome.**
- **The emergency landing area is located ca. 3 km (1.6 NM) north of the aerodrome**
- **Alternative aerodrome – Pobiednik Wielki (EPKP). The approach is along the Vistula river and further by ATC commands**
- **Any violations of the safety rules given above will result in the exclusion from the participation in the airshow**

Director of the Flight Safety Team
Jacek Haliński