



## WARNING

In accordance with National Defence Security Orders and Directives (NDSOD), form **DND 4298-E - Medical Screening for Ejection Seat Passengers (Non Aircrew)** is designated "**Protected B**" information once completed.

Completed "**Protected B**" forms **MUST NOT BE SAVED UNENCRYPTED** on any network and workstation drive or storage media. "**Protected B**" forms, when completed, **MUST BE ENCRYPTED USING THE DND ISSUED PKI SMARTCARD**. Failure to respect this requirement will result in a breach of security and administrative measures shall be applied in accordance with the policy.



## Medical Screening for Ejection Seat Passengers (Non Aircrew)

Rank	Last name	First name	DOB (yyyy-mm-dd)
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Please check one of the following

<input type="checkbox"/> Canadian Forces	SN	Home unit
<input type="checkbox"/> Foreign Military	SN	Country
<input type="checkbox"/> Civilian	Address	

List all current medical conditions:

List all current medications, supplements, herbal products:

List all previous surgery and hospital admissions:

Have you ever had *(check those that apply)*

<input type="checkbox"/> Heart attack	<input type="checkbox"/> Stroke	<input type="checkbox"/> Claudication	<input type="checkbox"/> Diabetes	<input type="checkbox"/> Irregular heartbeat
<input type="checkbox"/> High blood pressure	<input type="checkbox"/> Excessive fatigue with mild			
<input type="checkbox"/> Wheezing	<input type="checkbox"/> Chronic cough	<input type="checkbox"/> Pneumothorax (collapsed lung)		
<input type="checkbox"/> Muscle weakness	<input type="checkbox"/> Seizure	<input type="checkbox"/> Numbness	<input type="checkbox"/> Loss of consciousness	<input type="checkbox"/> Severe headache
<input type="checkbox"/> Depression	<input type="checkbox"/> Schizophrenia	<input type="checkbox"/> Suicidal thoughts	<input type="checkbox"/> Memory/concentration difficulty	
<input type="checkbox"/> Back pain	<input type="checkbox"/> Neck pain	<input type="checkbox"/> Spine	<input type="checkbox"/> Arthritis	<input type="checkbox"/> Impaired joint movement
<input type="checkbox"/> Ear problems	<input type="checkbox"/> Sinus problems	<input type="checkbox"/> Ear problems while flying	<input type="checkbox"/> Sinus problems while flying	<input type="checkbox"/> Hearing loss
<input type="checkbox"/> Eye disorders	<input type="checkbox"/> Retinal detachment	<input type="checkbox"/> Retinal	<input type="checkbox"/> Glaucoma	
<input type="checkbox"/> Bleeding	<input type="checkbox"/> Blood clot in legs	<input type="checkbox"/> Blood clot in lungs	<input type="checkbox"/> Cancer	

**For women**

Are you pregnant? <input type="checkbox"/> Yes <input type="checkbox"/> No	When was your last menstrual period? (yyyy-mm-dd) _____
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Name of patient <i>(please print)</i>	Signature of patient	Date (yyyy-mm-dd)
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*Formulaire disponible en français - DND XXXX-F*

## Medical Screening for Ejection Seat Passengers (Non Aircrew)

SN	Last name	First name	DOB (yyyy-mm-dd)
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**Physician assessment**

BP	Pulse
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Comment on all positive findings above, and limited examination as indicated

Please check one of the following

<input type="checkbox"/> Fit without restrictions	Restrictions
<input type="checkbox"/> Fit with restrictions	
<input type="checkbox"/> Unfit ejection seat aircraft	

**Examining physician**

Name	Unit	Phone number
Signature		Date (yyyy-mm-dd)

**Flight Surgeon**

Reviewing Flight Surgeon (if examining physician is not a flight surgeon) comments:

Name	Unit	Phone number
Signature		Date (yyyy-mm-dd)

## Medical Screening for Ejection Seat Passengers (Non Aircrew)

### Instructions

1. Non-aircrew military personnel or civilians wishing to fly in an ejection seat aircraft as a passenger must be medically screened by a flight surgeon prior to the flight. If a flight surgeon is not available, the screening can be done by a GDMO or civilian physician but must then be concurred by a flight surgeon prior to the flight. Prospective passengers must also complete aeromedical training (or watch the AMT Waiver video) and complete egress training/seat check, both of which will be coordinated by the Squadron.
2. Appendix 1 contains a screening form. When completed, it is to be retained on the 2034 (if a CF member), or forwarded to the 1 Canadian Air Division Surgeon (if a civilian). A note (e.g. 2018) indicating fitness or unfitness for the flight is to be given to the patient to take to the Squadron.
3. In accordance with Canadian Forces (CF) policy, the medical screening is valid for 30 days. Under exceptional circumstances (e.g. 431 (AD) Squadron technicians deploying with the Show Team), the period of validity can be extended up to a maximum of 1 year by the 1 Canadian Air Division Surgeon.
4. In accordance with reference B, familiarization flights for passengers with an AMT category waiver are limited to 14000' cockpit altitude. In some instances, further restrictions can be made by the flight surgeon, e.g. 3 Gz limit for passengers with high myopia (> -5 diopters).
5. Some absolute contraindications to flights in ejection seat aircraft include:
  - a. significant psychiatric symptoms/diagnoses (mania, psychosis, depression (unless asymptomatic), impaired concentration or memory, suicidal ideation, mental retardation);
  - b. cardiovascular disease including previous MI, pacemaker, implanted defibrillator, claudication, stroke;
  - c. hypoxia, spontaneous pneumothorax;
  - d. eustachian tube dysfunction;
  - e. pregnancy;
  - f. symptomatic spine arthritis/disc disease, spondylolisthesis;
  - g. muscle weakness (MS, musculodystrophy etc.);
  - h. retinal detachment or hemorrhage; and
  - i. inability to reach over-head with both arms.
6. Some relative contraindications include:
  - a. heart valve defect, poor exercise tolerance;
  - b. asthma, history of DVT or pulmonary embolism;
  - c. anemia, anticoagulants, bleeding disorders;
  - d. hearing loss, motion sickness;
  - e. diabetes (poor control, end-organ damage, risk of hypoglycemia or ketoacidosis);
  - f. seizure disorder;
  - g. phobias, claustrophobia;
  - h. osteoporosis, scoliosis, arthritis;
  - i. glaucoma, lattice degeneration, high myopia (> -5 diopters); and
  - j. medications known to reduce G tolerance, impair memory/concentration, or increase motion sickness.
7. Any questions about fitness to fly can be directed to one of the flight surgeons at 1 Cdn Air Div at (204) 833-2500 ext 5488/5875 or at DRDC-Toronto.