



CASAS Advisory Pamphlet

Civil Aviation Safety Authority Suriname

**Subject: CHECK AIRMAN, INSTRUCTOR, AND SUPERVISOR
CLASSIFICATIONS AND QUALIFICATION PROGRAMS**

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1. INTRODUCTION.

This CASAS Advisory Pamphlet (CAP) contains guidance concerning check airman and air transportation instructor programs for Civil Aviation Regulations Suriname public transport operators. It addresses the roles and purposes of check airmen, air transportation flight instructors and air transportation ground instructors

2. DEFINITIONS.

For purposes of standardization, definitions follow which apply to check airmen, air transportation flight and ground instructors, who teach and check under CARS Part 8 training programs:

- *Check Airman:* A check airman is an airman approved by the Civil Aviation Safety Authority Suriname (CASAS) who has the appropriate training, experience, and demonstrated ability to evaluate and to certify the knowledge and skills of other airmen. Evaluation is made on the basis of various checks conducted as modules in a specified operator's CASAS-approved training program. A check airman is authorized to conduct proficiency or competency checks, line checks, and special qualification checks; to supervise the re-establishment of landing currency in accordance with CARS Part 8.10.1.21.

NOTE: CARS Part 8.10.1.21 requires that landing currency be re-established under the supervision of a check airman.

- *Air Transportation Flight Instructor:* An air transportation flight instructor is an airman designated by a Surinamese operator, who has the appropriate training, experience, and demonstrated ability to instruct other airmen in a flight curriculum segment of that operator's approved training program (CARS 8.10.1.37 and 8.10.1.38). An air transportation flight instructor may certify the proficiency and knowledge of other airmen and recommend them for proficiency or competency checks, certification flight checks, and other special qualification flight checks. An air transportation flight instructor may also conduct LOFT training.

NOTE: An air transportation flight instructor is not required to hold a CASAS Flight Instructor Certificate (CFI) when instructing under CARS Part 8 training programs.

- *Air Transportation Ground Instructor:* An air transportation ground instructor is a person selected by the operator who has the appropriate knowledge, experience, training, and demonstrated ability to instruct crewmembers or aircraft dispatchers in curriculum segments other than flight curriculum segments. An air transportation ground instructor may

certify the satisfactory completion of ground training curriculum segments by flight crewmembers. An air transportation ground instructor who is specifically selected and qualified by the operator's approved training program may conduct competency checks for flight attendants or for aircraft dispatchers, as applicable. (CARS 8.10.1.37).

NOTE: An air transportation ground instructor is not required to hold a CASAS Ground Instructor Certificate when conducting training activities under CARS Part 8.

- *Supervisor:* For purposes of this CAP, a supervisor is a CASAS authorized aircraft dispatcher or flight attendant designated by the operator to conduct competency checks and accepted by CASAS.

NOTE: Operators may define the term "supervisor" differently from the definition used in this CAP-. Inspectors should ensure a mutual understanding of the term in discussions with operators.

3. CHECK AIRMAN ROLE AND CHARACTERISTICS.

The roles of check airmen are:

- (1) to ensure that the flight crewmember has met competency standards before the crewmember is released from training, and
- (2) to ensure that those standards are maintained while the crewmember remains in line service. Effective training and use of check airmen by an operator ensure that flight crewmembers are standardized in their job performance. A check airmen candidate must be knowledgeable in the applicable requirements of CARS Parts 1 – 11, applicable CASAS policies; and in safe operating procedures required for particular crewmember positions. A check airman candidate must have achieved and maintained a favorable record as a flight crewmember. Once approved, a check airman's manner and professional reputation should always reflect positively upon the employer and the CASAS.

4. CLASSIFICATIONS OF CHECK AIRMEN.

There are six check airman classifications, five of which relate to pilots, one of which relates to flight engineers. Approval for each check airman classification is contingent on the check airman having been properly certificated in the applicable aircraft and crew position; having been trained in accordance with the operator's approved check airman training program for the specific classification; and having demonstrated to the CASAS the ability to conduct a test event and to evaluate an airman's performance. The six check airman classifications are:

- Proficiency Check Airman – Aircraft
- Proficiency Check Airman – Simulator
- Line Check Airman - All Seats (left, right, observer's)
- Line Check Airman - Observer's Seat Only
- Check Airman - All Checks

5. PROFICIENCY CHECK AIRMAN - AIRCRAFT AND SIMULATOR.

A. *Eligibility.* For initial and continuing approval as a proficiency check airman - aircraft, an airman must meet the following eligibility requirements:

- Hold the required certificate and ratings for the specific aircraft to serve as pilot-in-command (PIC) in public transport service
- Hold a first class medical certificate for instructing or evaluating in an aircraft or in a simulator
- Have completed the operator's air transportation flight instructor and check airman qualification training programs required by, CARS Part 8 as applicable, covering such topics as:
 - Check ride briefings and debriefings for an applicant, for supporting crew members and for a safety pilot
 - Safety preparedness and countermeasures in an aircraft or in a flight simulator (such as emergency exits, fire and smoke procedures, and simulator motion failures)
- Meet training and currency requirements to serve as PIC for that operator, including ground and flight training, proficiency or competency checks, and 90-day landing currency.
- Maintain line currency as a flight crew member with the operator, or be line familiar with the operator's procedures and line operation by participating in a line observation program that has been approved by the operator's OI. A first class medical certificate is required for those instructors and check airmen who maintain line currency.
- Satisfactorily demonstrate, initially and at least annually, to a CASAS operations inspector the ability to conduct proficiency or competency

checks in an aircraft in flight or in a simulator, or in both, as appropriate.

Initial evaluation shall include evaluation in an aircraft. Evaluation of an instructor in a simulator shall include the individual's ability to operate the simulator while instructing

B. *Authorized Activities.* A classification of proficiency check airman -aircraft authorizes a check airman to conduct the following activities:

- Pilot proficiency or competency checks conducted as a qualification curriculum segment in the operator's approved training program, from either pilot seat in an aircraft in flight, or in a simulator, as appropriate.
- Supervision of the re-establishment of landing currency
- Special checks conducted as a qualification curriculum segment of the operator's approved training program, provided the check airman is qualified in the specific activity for which the special check is being conducted (such as CAT II and CAT III operations)
- Certification of the satisfactory proficiency and knowledge of airmen after completion of a flight training curriculum segment or flight training module

When authorized by the operator, ground instruction for airmen, and certification of the satisfactory completion by an airman of a ground training curriculum segment.

6. **PROFICIENCY CHECK AIRMAN - SIMULATOR.**

A. *Eligibility.* To be eligible for initial and continuing approval as proficiency check airman - simulator, an airman must meet the following eligibility requirements:

- Hold the required certificate and ratings to serve as PIC of the specific aircraft in public transport service

NOTE: For evaluating in a simulator or other FTD, a medical certificate is not required

- Have completed the operator's air transportation flight instructor and check airman qualification training programs as required by CARS Part 8. This may be accomplished entirely in a simulator, and including such topics as:
 - Check ride briefings and debriefings for an applicant for supporting crew members
 - Safety preparedness and countermeasures in a flight simulator (such as emergency exits, fire and smoke procedures, and

simulator motion failures)

- Meet the currency requirements to serve as PIC for the operator, including ground and flight training and the required proficiency or competency checks. These requirements may be met by using a level B (or higher) flight simulator, in which case landing currency in the actual aircraft is not required. Maintain line currency as a flight deck crewmember with the operator, or be line familiar with the operator's procedures and line operation by participating in a line observation program that has been approved by the CASAS. A medical certificate appropriate to the crew position occupied on the line is required for those instructors and check airmen who maintain line currency.
 - Satisfactorily demonstrate, initially and at least annually, to a CASAS operations inspector the ability to conduct proficiency or competency checks in simulated flight in a simulator. Part of the inspector's observation shall address the check airman's proficiency in evaluating an airman and operating the simulator simultaneously.
- B. *Authorized Activities:* Approval as a proficiency check airman - simulator authorizes a check airman to conduct the following activities:
- Pilot proficiency or competency checks, as authorized, in an approved flight simulator or flight training device in a qualification curriculum segment of the operator's approved training program
 - Flight instruction in a flight simulator or flight training device as a curriculum segment in the operator's approved training program
 - Supervision of the re-establishment of landing currency
 - Any special check as a module in the operator's approved training program, provided that the check airman is qualified in the specific activity for which the special check is being conducted (such as CAT II and CAT III operations)
 - Certification of the satisfactory proficiency and knowledge of airmen after completion of a flight training curriculum segment or flight training module
 - When authorized by the operator, ground instruction for airmen and certification of the satisfactory completion of a ground training curriculum segment

7 LINE CHECK AIRMAN - ALL SEATS (LEFT PILOT SEAT, RIGHT PILOT SEAT, AND OBSERVER'S SEAT).

A. *Eligibility.* For initial and continuing approval as a line check airman - all seats, an airman must meet the following eligibility requirements:

- Hold the required certificate and ratings for the specific aircraft to serve as PIC in public transport service
- Hold a valid first class medical certificate to act as PIC in public transport service
- Meet training and currency requirements to serve as PIC, including line currency, ground and flight training, proficiency or competency checks, line checks, and 90-day landing currency (These requirements may be met entirely in a level B or higher simulator.)
- Have completed the operator's check airman qualification training program equivalent to that required by CARS Part 8, as applicable, including such topics as :
 - Briefings and debriefings for the PIC and for other crewmembers
 - Safety preparedness and countermeasures in an aircraft
 - Satisfactorily demonstrate, initially and at least annually, to an CASAS operations inspector the ability to conduct line checks from a pilot seat or to oversee operating experience and other activities

B. *Authorized Activities.* Approval as a line check airman - all seats authorizes a check airman to conduct the following activities:

- Pilot line checks from either pilot seat or the observer's seat
- Training and checking in special operations (special airports or international routes) of the operator's approved training program provided that the check airman is qualified in the specific operations being conducted
- When authorized by the operator, ground instruction and certification of the satisfactory completion by an airman of a ground training curriculum segment

8. LINE CHECK AIRMAN - OBSERVER'S SEAT ONLY.

A. *Eligibility.* For approval as a line check airman - observers seat only, an airman must meet the following eligibility requirements:

- Hold the required certificate and ratings to serve as PIC in the particular aircraft
- Hold a valid first class medical certificate
- Meet the currency requirements to serve as PIC, including ground and flight training, proficiency or competency checks, and 90-day landing currency. These requirements may be met entirely in a level B (or higher) simulator for this designation.
- Have completed the operator's check airman qualification training program equivalent to that required by CARS, as applicable, including such topics as:
 - Briefings and debriefings for the PIC and for other crewmembers
 - Safety preparedness and countermeasures in an aircraft
 - Satisfactorily demonstrate, initially and at least annually, to an CASAS inspector the ability to conduct line checks from the observer's seat when a second observer's seat is available; otherwise in LOFT (in simulators)
- Maintain line currency as a flight deck crewmember with the operator, or be line familiar with the operator's procedures and line operation by participating in a line observation program that has been approved by CASAS. If the instructor and check airman want to maintain line currency, then the appropriate medical certificate is required.
- Be re-evaluated initially and at least annually as a line check airman by an CASAS operations inspector

NOTE: The operator must have procedures, published in its operations manual, that shall be followed in the event that a line check airman determines that a pilot's performance does not meet standards that would allow the individual to continue to operate the aircraft. The crewmember shall not be allowed to continue the flight or trip. If the check airman does not possess the appropriate class of medical certificate to substitute for the crewmember, specific alternative procedures shall be followed.

B. *Authorized Activities.* Approval as a line check airman - observer's seat only, authorizes a check airman to conduct the following activities as modules of the operator's approved training program, provided that the PIC and second-in-command (SIC) are current and fully qualified in the aircraft:

- Line checks from the observer's seat
- Training and checking for special operations, from the observer's seat, provided that the check airman is qualified in the specific operation (such as special airports and international routes)
- When authorized by the operator, ground instruction and certification of the satisfactory completion by an airman of a ground training curriculum segment

9. CHECK AIRMAN - ALL CHECKS.

The airman must meet eligibility requirements for a proficiency check airman - aircraft, for a proficiency check airman - simulator, and for a line check airman - all seats, in accordance with earlier paragraphs in this section. Approval as a check airman - all checks authorizes a check airman to conduct all checks contained in the qualification curriculum segment of the operator's approved training program, including those checks and other activities of a line check airman - all seats; and, with the approval of the operator, to give flight and ground instruction in that training program.

10. AIR TRANSPORTATION INSTRUCTOR ROLE AND CHARACTERISTICS.

An air transportation instructor is a person employed by an operator for the purpose of training flight crewmembers in the operator's approved ground training curriculum. The training shall be sufficient to ensure that acceptable performance standards are met. When selected and qualified by the operator, an air transportation instructor is responsible for certifying the knowledge and proficiency of each crewmember upon completion of a training curriculum or curriculum segment. Air transportation instructors shall be knowledgeable in the applicable requirements of the CARS (as appropriate), and in the operator's policies and procedures. An air transportation instructor should possess effective communication skills and a manner which always reflects professionalism and a positive attitude toward safety.

11. AIR TRANSPORTATION FLIGHT INSTRUCTOR - AIRCRAFT.

An air transportation flight instructor in an aircraft may be a pilot instructor, a flight engineer instructor, or both., and may also conduct flight training in a flight simulator, flight training device, or ground training

- A. *Eligibility.* An instructor candidate airman must meet the following eligibility requirements:
- Hold an Airline Transport Pilot Licence (ATPL) and ratings required to serve in public transport service in the specified crewmember duty position on the specific aircraft type.
 - Meet currency requirements to serve as PIC for the operator or as flight engineer for the operator, including ground and flight training, proficiency or competency checks, and (for pilots) 90-day landing currency
 - For pilots, must complete an annual line check or line observation module of a recurrent qualification curriculum segment
 - Have received flight instructor qualification training under the operator's approved training program
 - Maintain line currency as a flight deck crewmember with the operator, or be line familiar with the operator's procedures and line operation by participating in a line observation program that has been approved by the CASAS. A medical certificate appropriate to the crew position occupied on the line is required for those instructors and check airmen who maintain line currency.
- B. *Authorized Activities.* An air transportation flight instructor in an aircraft, when authorized by the employer, may conduct the following flight instruction activities:
- Flight instruction for airmen in an aircraft in flight, including instruction in giving appropriate preflight and post flight briefings
 - Certification of the satisfactory performance of an airman after completion of a flight training curriculum segment or flight training module
 - When authorized by the operator, ground instruction and certification of the satisfactory completion by an airman of a ground training curriculum segment

12. AIR TRANSPORTATION FLIGHT INSTRUCTOR - SIMULATOR.

An air transportation flight instructor in a simulator may instruct in a simulator or flight training device (FTD), and may be a pilot instructor or a flight engineer instructor, or both.

A. *Eligibility.* A candidate must meet the following eligibility requirements:

- Under a CARS 9.3.1.3 training program, a pilot simulator instructor candidate must hold at least an Airline Transport Pilot Licence (ATPL); additionally an approved type rating. For operations of the aircraft that does not require the PIC to hold an ATPL, a Commercial Pilot Licence (CPL) with an instrument rating is sufficient
- All candidates must have received the simulator instructor qualification required by the operator's approved training program including that required by the CARS, as applicable, including such topics as:
 - Briefings and debriefings by the PIC
 - to flight deck crewmembers
 - to other crew members
 - Safety preparedness and countermeasures in a flight simulator (such as emergency exits, fire and smoke procedures, and simulator motion failures)
 - Maintain line currency as a flight deck crewmember with the operator, or be line familiar with the operator's procedures and line operation by participating in a line observation program that has been approved by the CASAS. A medical certificate appropriate to the crew position occupied on the line is required for those instructors and check airmen who maintain line currency

C. *Authorized Activities.* An air transportation flight instructor in a simulator, when authorized by the employer, may conduct the following flight instruction activities:

- Flight instruction of airmen in a flight simulator or flight training device, including instruction in giving the appropriate preflight and post-flight briefings
- Certification of the performance of an airman after completion of the

flight simulator or flight training device portion of a flight training curriculum segment or flight training module

- When authorized by the employer, ground instruction and certification of the satisfactory completion by an airman of a ground training curriculum segment

13. AIR TRANSPORTATION GROUND INSTRUCTOR.

A. *Eligibility.* Eligibility requirements for air transportation ground instructors are not specified in the CARS. However, operators are required to provide adequate ground training facilities and properly qualified ground instructors. An operator's ground instruction should be monitored frequently to ensure that competent instructors teach the approved training curriculum and curriculum segments. Inspectors and check airmen conducting practical tests (oral exams and flight checks) shall evaluate the knowledge and competency of crewmembers who have completed the ground training curriculums. They should identify any deficiencies, and effect any required corrections with respect to the trainee or the training program itself. OI's should monitor training records to

ensure that air transportation ground instructors are properly qualified.

B. *Authorized Activities.* An air transportation ground instructor, when authorized by the employer, may conduct the following types of ground instruction activities:

- Instruction in specified ground training curriculum segments

NOTE: The use of any training device, including mockups, flight training devices and flight simulators, is appropriate provided that the use of such a device is an integral part of an approved ground training curriculum segment.

C. *Training and Qualification Records.* The operator shall maintain documentation of the training and qualification for each air transportation ground instructor and supervisor, and shall make that documentation conveniently accessible for inspection by the CASAS.

14. FLIGHT ATTENDANT AND AIRCRAFT DISPATCHER SUPERVISORS.

An air carrier operating under the CARS engaged in passenger-carrying operations shall establish and maintain a program to train and qualify flight attendant supervisors. Those supervisors are authorized to conduct the competency checks required by CARS 8.10.1.24; 8.10.1.25 for flight attendants and aircraft dispatchers. To qualify, these supervisors must (themselves) complete the appropriate training curriculum and the required competency check.

To maintain qualification, supervisors must complete the required recurrent training curriculum. OI's should monitor training records to ensure that air transportation supervisors who conduct flight attendant competency or aircraft dispatcher competency checks are properly qualified.
(see preceding paragraph 13C)