

## CLAIMS:

1. A method, comprising:
  - accessing a syllabus indicating flight training requirements for pilots;
  - accessing flight information for a plurality of scheduled flights;
  - identifying, for a first trainee, a first set of flight alternatives, from the plurality of scheduled flights, based on the syllabus;
  - assigning, by operation of one or more computer processors, the first trainee to a first subset of one or more flights, from the first set of flight alternatives, based on defined scheduling criteria; and
  - assigning one or more instructors to each flight of the first subset of one or more flights.
2. The method of claim 1, wherein:
  - the syllabus comprises a sequence of events for flight training for pilots, and
  - each respective event in the sequence of events comprises respective flight information describing a respective flight that trainee pilots must complete during training.
3. The method of claim 2, wherein assigning the first trainee to the first subset of one or more flights comprises:
  - selecting a first flight, from the first set of flight alternatives, based on a first event in the sequence of events;
  - assigning the first trainee to the first flight;
  - selecting a second flight, from the first set of flight alternatives, based on a second event in the sequence of events, wherein the second flight is subsequent to the first flight; and
  - assigning the first trainee to the second flight.
4. The method of any one of the preceding claims, wherein the defined scheduling criteria indicates to minimize time between flights in the first subset of one or more flights.

5. The method of any one of the preceding claims, further comprising, subsequent to assigning the first trainee to the first subset of one or more flights:
  - identifying, for a second trainee, a second set of flight alternatives, from the plurality of scheduled flights, based on the syllabus; and
  - assigning the second trainee to a second subset of one or more flights, from the second set of flight alternatives, based on defined scheduling criteria.
6. The method of any one of the preceding claims, further comprising tagging each respective flight in the first subset of one or more flights based on the syllabus.
7. The method of claim 6, wherein assigning the one or more instructors comprises, for each respective flight of the first subset of one or more flights:
  - identifying a respective tag associated with the respective flight;
  - identifying a respective set of instructor alternatives, from a plurality of instructor alternatives, based on the respective tag; and
  - assigning a respective instructor, from the respective set of instructor alternatives, to the respective flight.
8. A system, comprising:
  - a processor;
  - a memory storage device including instructions that when executed by the processor enable performance of an operation comprising:
    - accessing a syllabus indicating flight training requirements for pilots;
    - accessing flight information for a plurality of scheduled flights;
    - identifying, for a first trainee, a first set of flight alternatives, from the plurality of scheduled flights, based on the syllabus;
    - assigning the first trainee to a first subset of one or more flights, from the first set of flight alternatives, based on defined scheduling criteria; and
    - assigning one or more instructors to each flight of the first subset of one or more flights.
9. The system of claim 8, wherein:
  - the syllabus comprises a sequence of events for flight training for pilots, and

each respective event in the sequence of events comprises respective flight information describing a respective flight that trainee pilots must complete during training.

10. The system of claim 9, wherein assigning the first trainee to the first subset of one or more flights comprises:

- selecting a first flight, from the first set of flight alternatives, based on a first event in the sequence of events;

- assigning the first trainee to the first flight;

- selecting a second flight, from the first set of flight alternatives, based on a second event in the sequence of events, wherein the second flight is subsequent to the first flight; and

- assigning the first trainee to the second flight.

11. The system of any one of claims 8 to 10, wherein the defined scheduling criteria indicates to minimize time between flights in the first subset of one or more flights.

12. The system of any one of claims 8 to 11, the operation further comprising, subsequent to assigning the first trainee to the first subset of one or more flights:

- identifying, for a second trainee, a second set of flight alternatives, from the plurality of scheduled flights, based on the syllabus; and

- assigning the second trainee to a second subset of one or more flights, from the second set of flight alternatives, based on defined scheduling criteria.

13. The system of any one of claims 8 to 12, the operation further comprising tagging each respective flight in the first subset of one or more flights based on the syllabus.

14. The system of claim 13, wherein assigning the one or more instructors comprises, for each respective flight of the first subset of one or more flights:

- identifying a respective tag associated with the respective flight;

- identifying a respective set of instructor alternatives, from a plurality of instructor alternatives, based on the respective tag; and

assigning a respective instructor, from the respective set of instructor alternatives, to the respective flight.

15. A computer program product, the computer program product comprising a computer-readable storage medium having computer-readable program code embodied therewith, the computer-readable program code executable by one or more computer processors to perform an operation, the operation comprising:

accessing a syllabus indicating flight training requirements for pilots;

accessing flight information for a plurality of scheduled flights;

identifying, for a first trainee, a first set of flight alternatives, from the plurality of scheduled flights, based on the syllabus;

assigning the first trainee to a first subset of one or more flights, from the first set of flight alternatives, based on defined scheduling criteria; and

assigning one or more instructors to each flight of the first subset of one or more flights.