

MIAMI INTERNATIONAL AIRPORT

# CHILDREN'S TOUR GUIDE BOOK



# WELCOME

Welcome to Miami International Airport (MIA), operated by the Miami-Dade Aviation Department. We are glad that you are able to join us.

Operations began at MIA in September 1928 when Pan American World Airways took off for Havana, Cuba with a stop in Key West. Eastern Airlines began daily service to New York in 1932. Other airlines quickly began service at our growing airport and in December 1958, National Airlines made headlines by flying the first scheduled jet passenger service in the U.S. - a Boeing 707 between Miami and New York. By 1959, the airport had grown to 2,900 acres and the two small former terminal buildings on N.W. 36th Street gave way to a large central terminal. We later would become the first airport in the country to have rental cars and duty-free shops.

The terminal is the center of airport activity. On the upper (departure) level, tickets are sold, baggage is checked in, flight information is given, and stores and restaurants are available for passengers' convenience. Luggage is claimed on the lower (arrival) level.

Before boarding an airplane, passengers walk down long hallways called concourses that are usually identified by colors, numbers or letters. MIA has six concourses. Passengers wait to board aircraft in areas called gates located on each side of the concourse. Passengers board the aircraft through a walkway (boarding bridge) that can be adjusted to various positions and heights, depending on the type of aircraft.

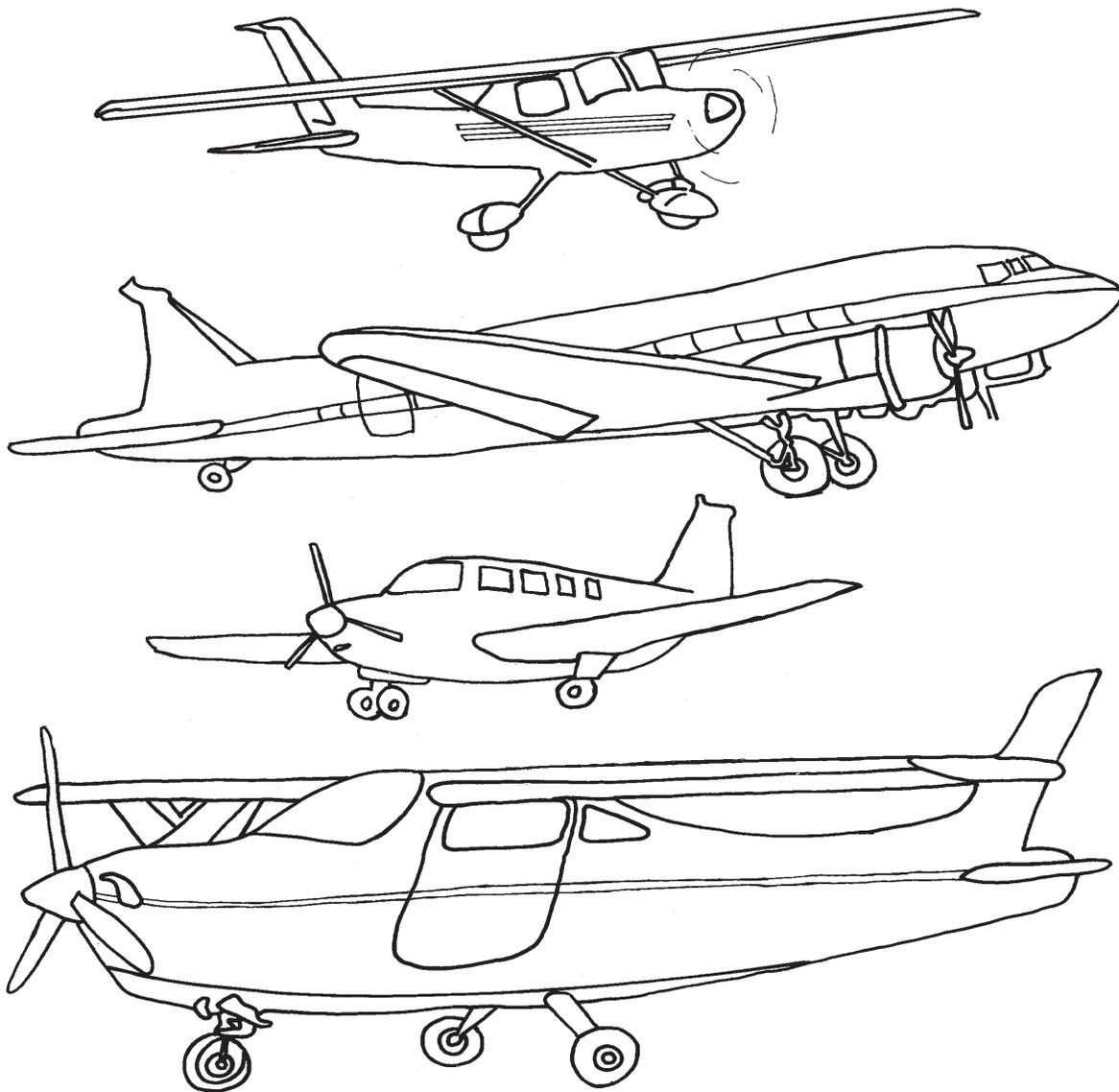
# PASSENGERS



Miami International is one of the world's busiest airports, and almost half of our passengers come from international cities. We have 130 boarding gates to serve more than 850 daily flights. Air service is provided by more than 100 scheduled airlines and charter companies.

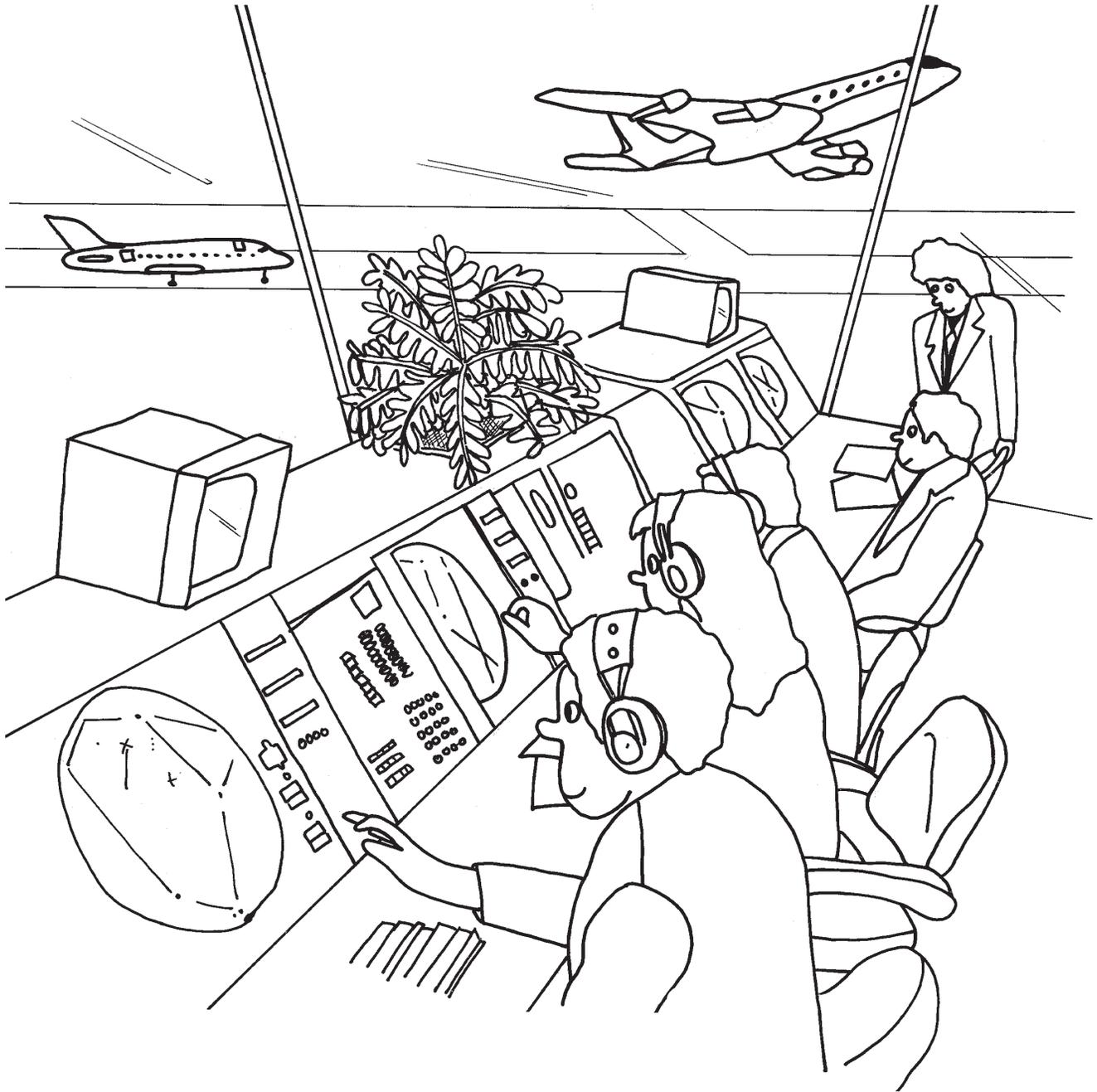


# GENERAL AVIATION



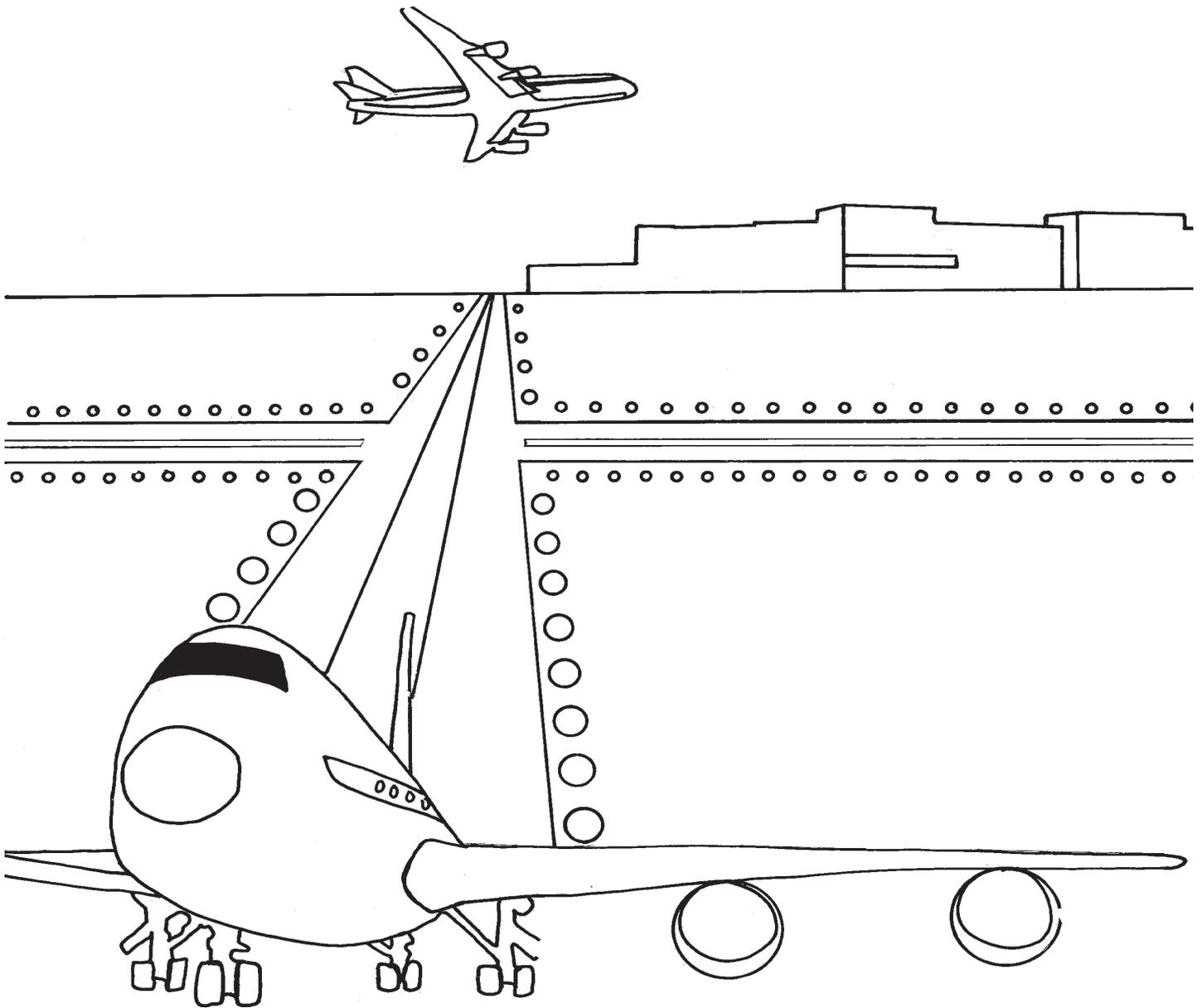
In addition to the hundreds of passenger and cargo airplanes flown daily by the commercial airlines, numerous aircraft serve the corporate and private aviation public at MIA. Categorized under General Aviation, these are usually smaller types of airplanes that carry business people, government officials, celebrities, vacationers and recreational pilots. A special terminal, equipped with a U.S. Customs and Border Protection office for the clearing of international flights, is designated for general aviation crew and passengers. Nearby lies a fixed base operation (FBO), providing customers with everything from fueling and catering to car rentals and hotel reservations. The FBO also offers aircraft maintenance and repairs.

# CONTROL TOWER



Located on the western side of the airport high above airport activity is the Air Traffic CONTROL TOWER and the CONTROLLER'S CAB with the Ground Control Tower. Through the use of radar and other equipment, employees of the Federal Aviation Administration (FAA) control aircraft traffic on the ground and in the air. When visibility is poor, controllers are still able to "see" aircraft on radar screens. These screens also help supply weather information, which is provided to pilots by radio.

# RUNWAYS & TAXIWAYS



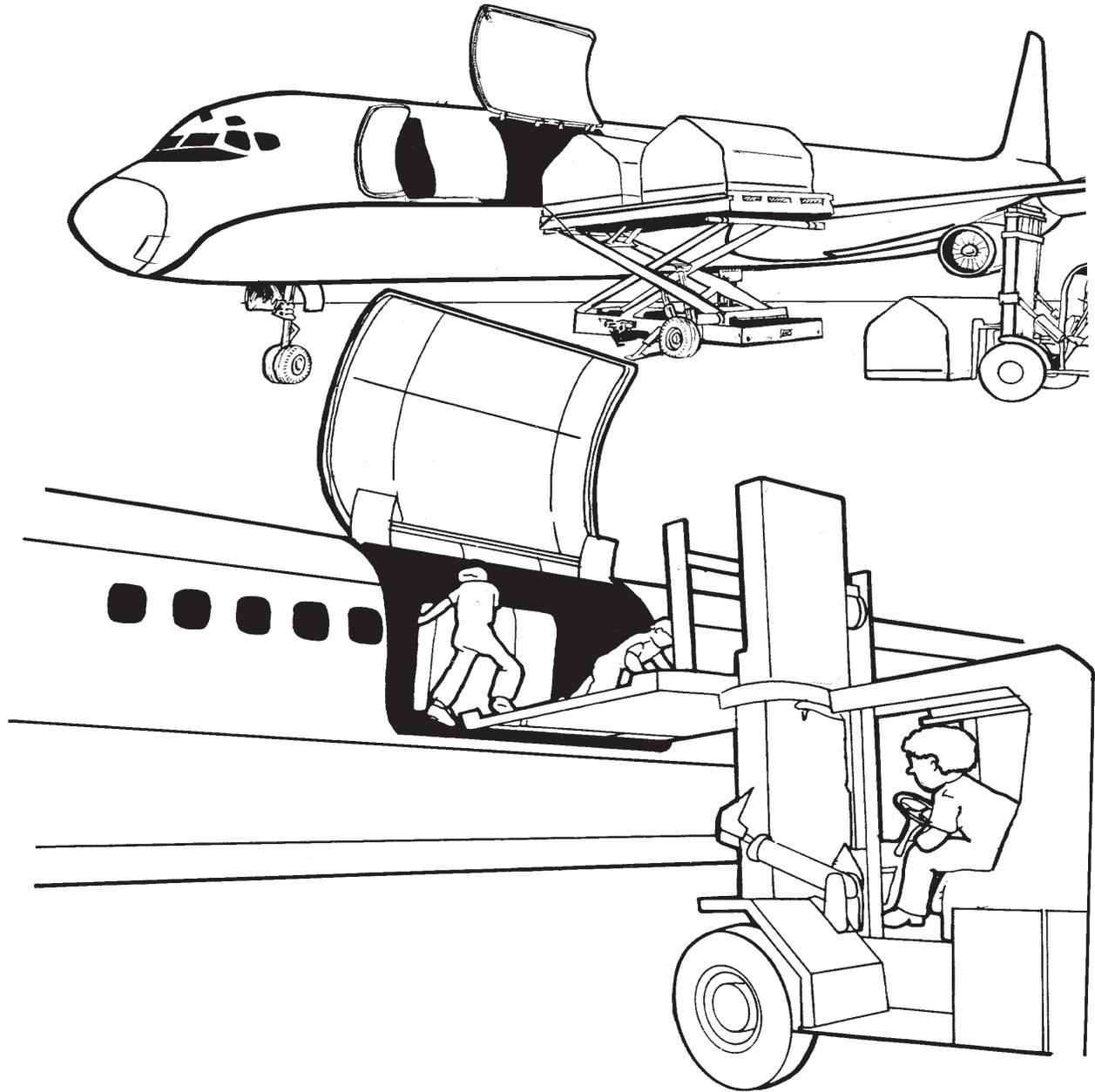
TAXIWAYS, the paved roads leading from the ramp to the runway, are easily identified by their yellow center line and border of blue lights. RUNWAYS, the larger roads used for landings and takeoffs, have a white center line and a border of white lights. It is best for planes to land and take off into the wind. For this reason, runways are usually built facing the direction from which the wind most often blows. In Miami, the wind is usually from the east. We have four runways.

# MOVING WALKWAYS



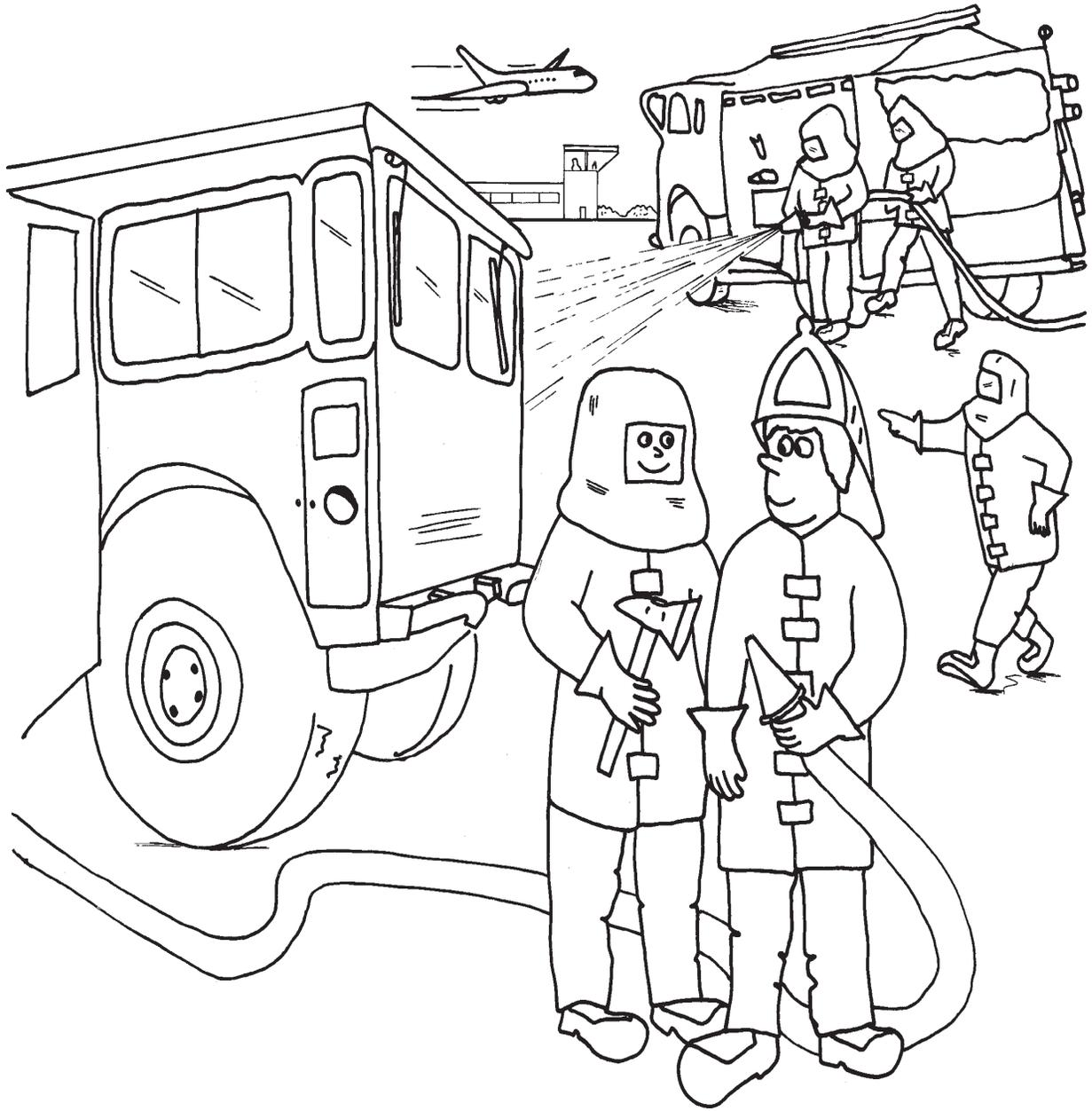
The moving walkways are a system of air-conditioned moving sidewalk areas that help passengers to get from one point to another. Elevators provide access from the moving walkways to the terminal's ticketing and baggage claim areas on the second and first levels. To reach the moving walkways from the parking garages, take any elevator to the third level and walk to the moving walkway entrance. The moving walkways also take you to the MIA Mover, a train which takes you to the Miami Intermodal Center – a station for other trains, buses and rental cars.

# AIR CARGO



Air cargo is handled at special terminals at our airport to keep freight and passenger traffic separated. Cargo leaves MIA for all the major markets of the world. Air transportation is ideal for perishable items like flowers and fruit. Approximately one half of Miami's cargo travels on special planes while the rest goes in the cargo area of passenger aircraft.

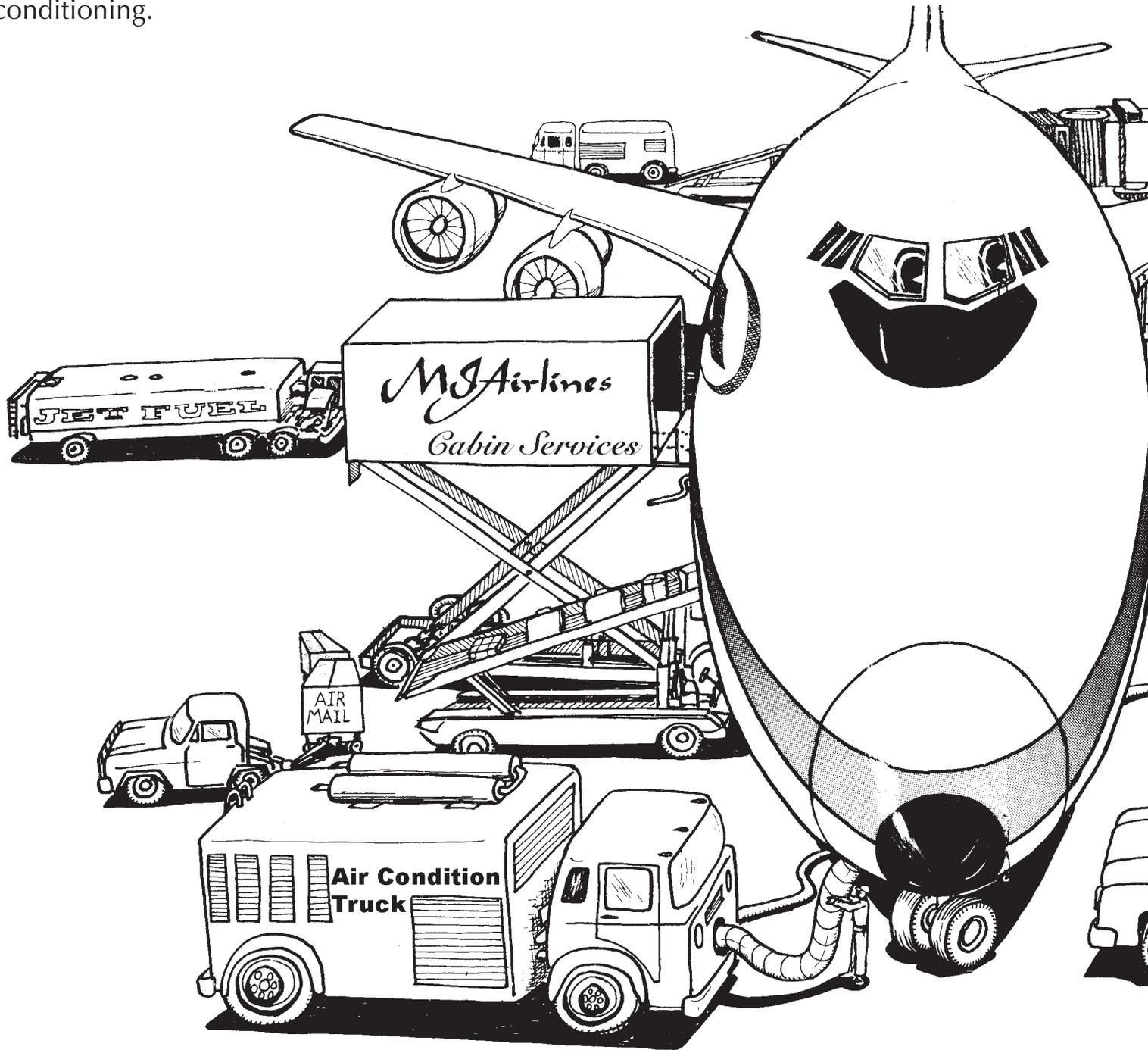
# FIRE RESCUE

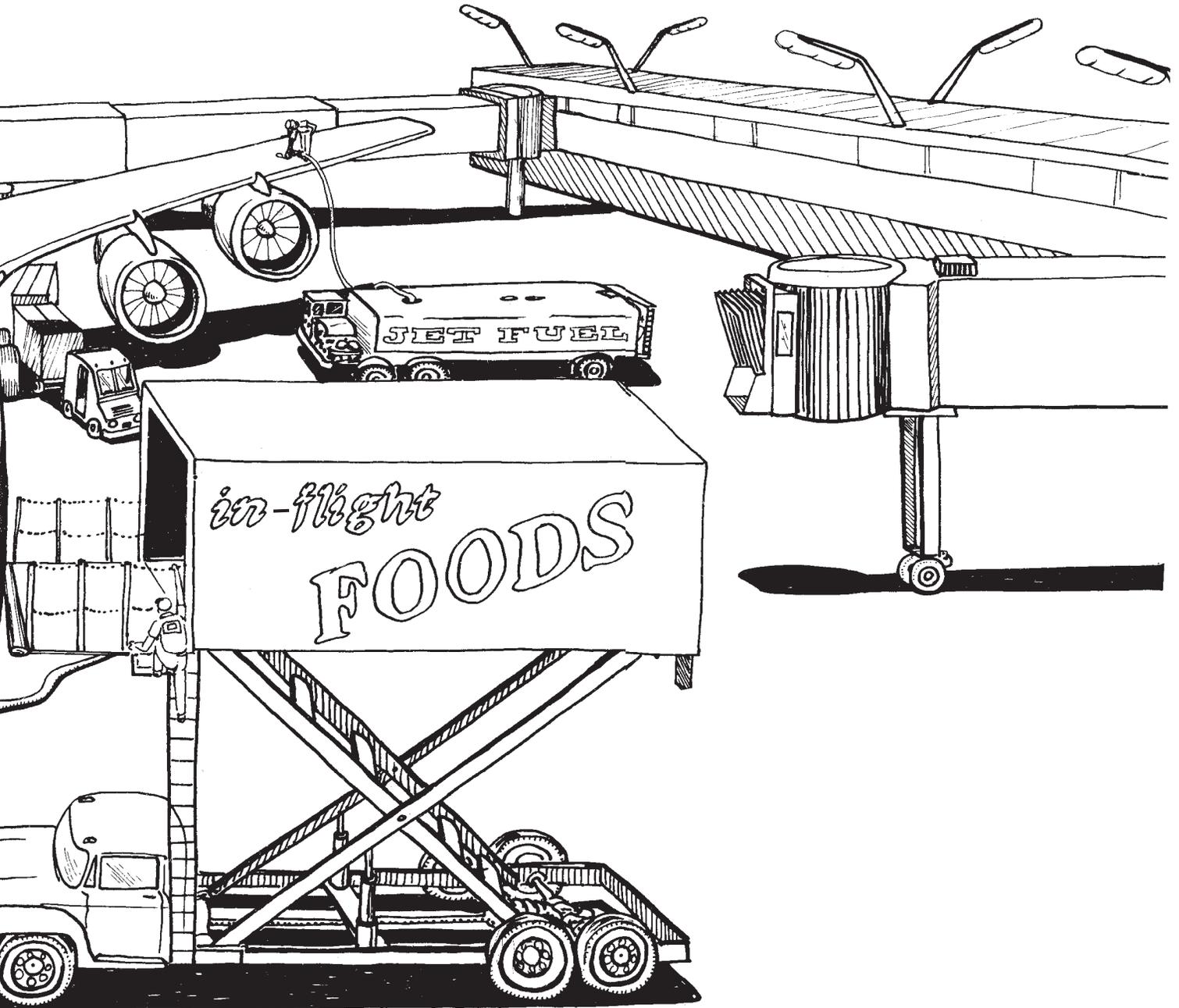


At MIA's midfield area stands Miami-Dade County's largest fire rescue station, which is continuously staffed by specially trained firefighters. All medical emergency calls, fuel spills and aircraft difficulties are handled by these firefighters and emergency medical staff. The station maintains three foam trucks that are able to carry 3,000 gallons of water and 300 gallons of concentrate foam. Fifteen hundred gallons of water per minute can be dispensed by these trucks. Accompanying the foam trucks is a pumping truck that fills the dispensing vehicle by drawing water from airport wells. In addition to these special trucks, the airport fire station has one emergency rescue vehicle and two quick response vehicles. We also have a disaster van with emergency supplies for 350 people.

# GROUND SERVICE

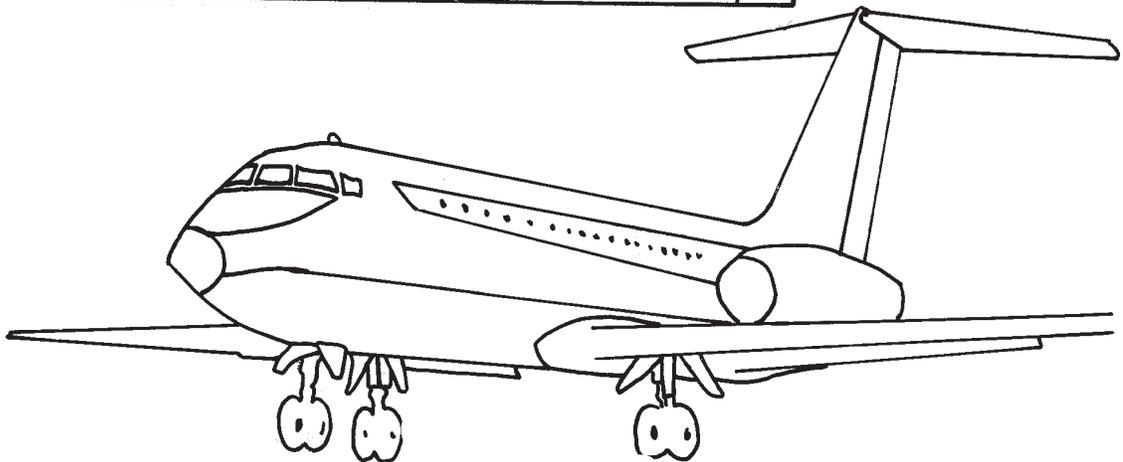
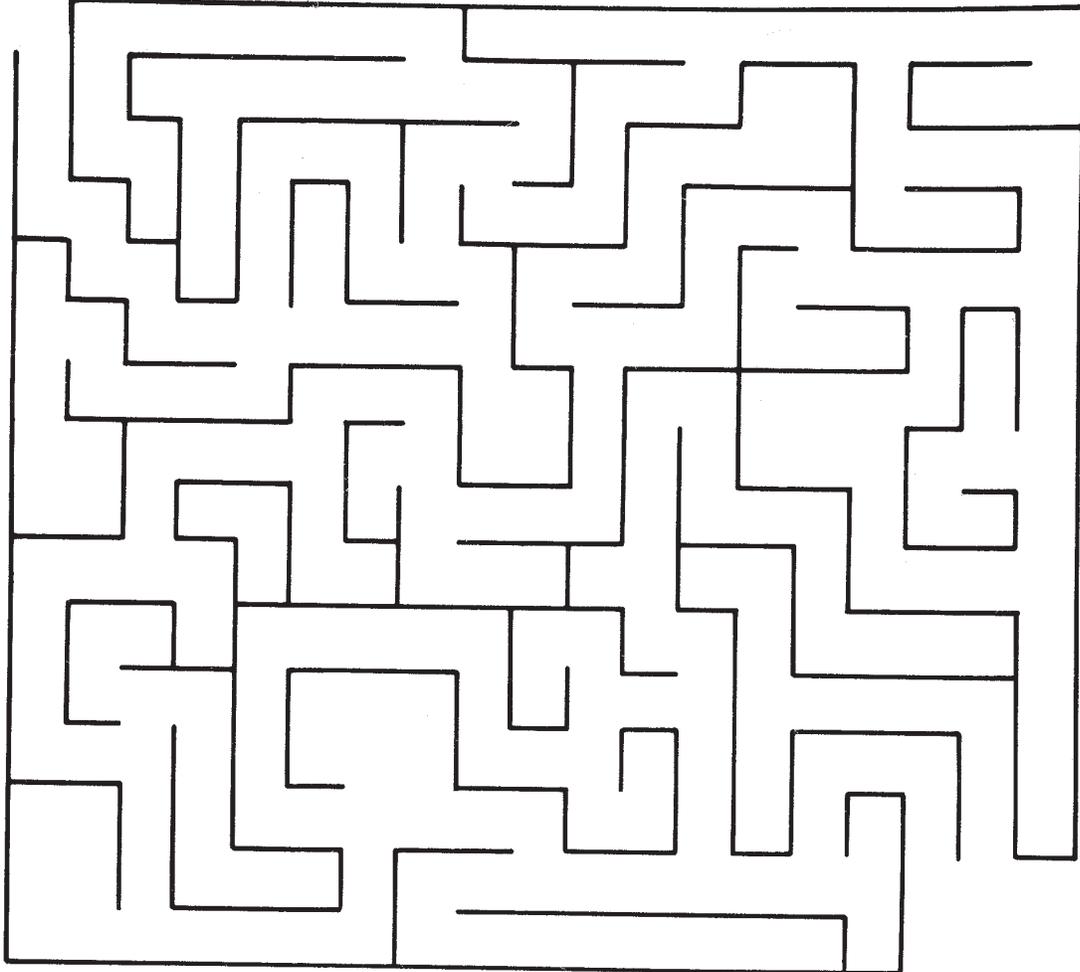
Airplanes park around concourses on paved areas known as the RAMP or APRON. Arriving planes are surrounded by ground vehicles. Trucks carry away baggage, cargo and mail. Cabin service personnel clean the airplane, replenish supplies and prepare it for the next takeoff. Catering personnel refill the aircraft with fresh food and beverages. The cabin service and catering trucks have vans that can be elevated to reach the doors of the aircraft. Other ground service vehicles are used for refueling, towing and providing power and air conditioning.







Peter the pilot can't find his plane. With your pencil, help him find the missing plane. (Answers page 18)



# AVIATION CAREERS

If you have not chosen a career or if you are not sure about what you want to work in, aviation may be the right career for you. Aviation offers a wide variety of career choices, including: airline pilot; flight attendant; customer service representative; reservation agent; aircraft or engine mechanic; flight instructor; and navigational or communications equipment mechanic. Local, state and federal governmental agencies also offer excellent career opportunities in aviation. As you consider what career path to follow, keep the aviation industry in mind.



# INTERNATIONAL SYMBOLS

Can you match the international symbol to the word that describes? (Answers page 18)



1. Handicapped

2. Phone

3. Restaurant

4. Elevator

5. Gift Shop

6. Women's Restroom

7. Rental Car

8. Men's Restroom

9. Information

10. First Aid

11. Baggage

12. Taxi

13. Metrorail

14. Metrobus

# UNSCRAMBLE THE WORD

(Answers page 18)

Unscramble the following airport words

AIYTWAX      T                                  W                    

PRA M        R              M          

MERIALNT    T                        M                                        

NLARIEPA    A                        P                                        

WRAUYN      R                        W                    

TWREO        T              W                    

NVAIITOA    A                        A                                        

COSRUOENC   C                                  O                                        

AGHRAN      H                                            R

# MIA IS FLYING HIGH.....

WITH MORE THAN 100 AIRLINES IN THE SKY.

SIXTEEN ARE HIDDEN BELOW CAN YOU FIND THEM? (Answers page 19)

B O P X A Y A V I A N C A D H  
A L I T A L I A K U U M P B R  
Y C A R I B B E A N Q R X Y R  
O S Y A W R I A H S I T I R B  
S M D H L Y U N I T E D O V X  
C I T N A L T A N I G R I V V  
T Y R P J F Y O V L E O M Q Q  
E S O R C R I A S A M A H A B  
J C R H P Z O M S J T F E S D  
T T E J R E T N I S W I S S Z  
S U A P V U A H J Y S T C W A  
E M E A I R F R A N C E I J S  
W K B N T L U F T H A N S A C  
N E L G A E N A C I R E M A Y  
D O V P B K N A C I R E M A S

AIR FRANCE

COPA

ALITALIA

INTERJET

AMERICAN

LUFTHANSA

AMERICAN EAGLE

SWISS

AVIANCA

TAM

BAHAMASAIR

UNITED

BRITISH AIRWAYS

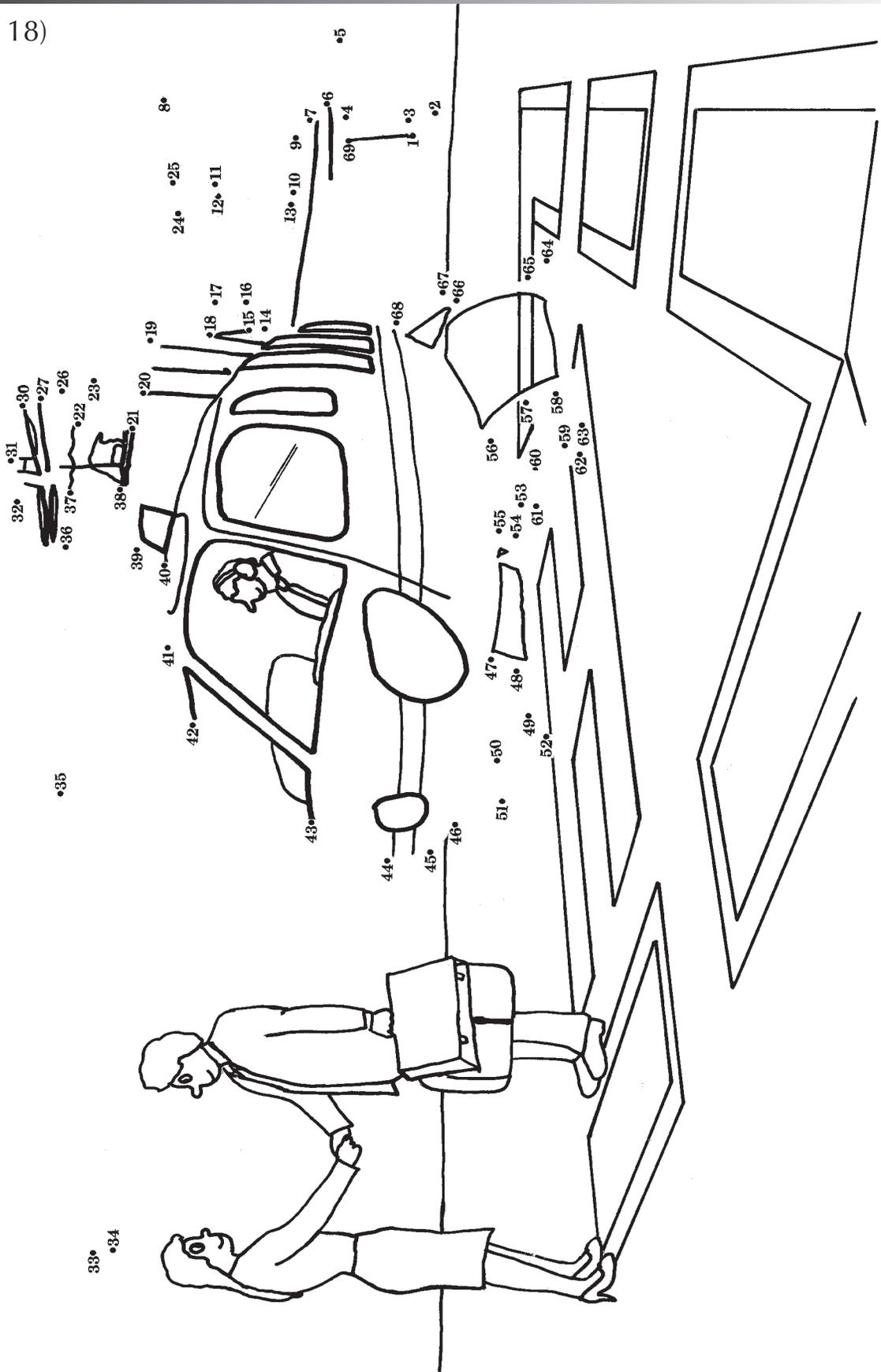
VIRGIN ATLANTIC

CARIBBEAN

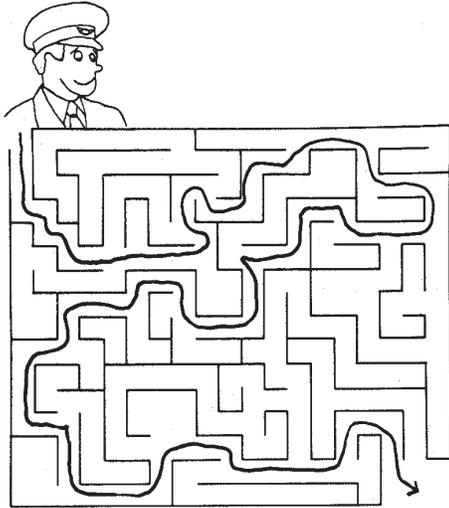
WESTJET

# CONNECT THE DOTS

(Answers page 18)



# ANSWERS

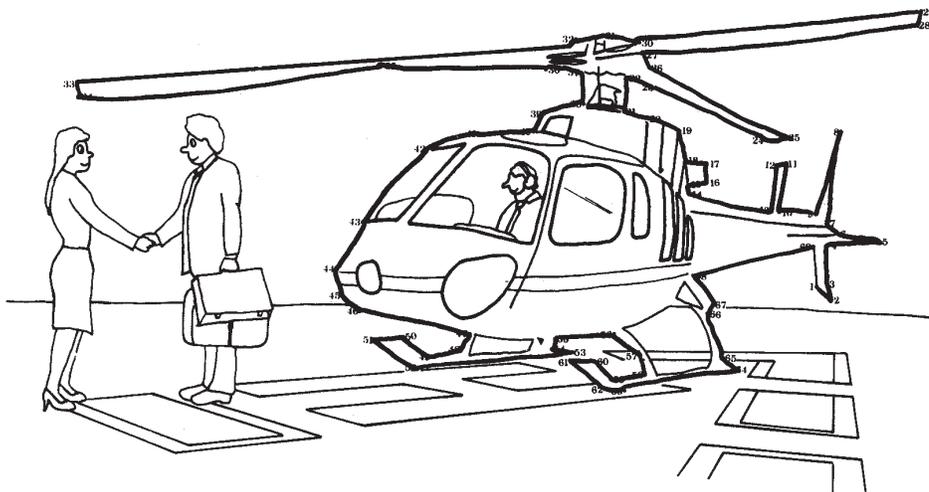
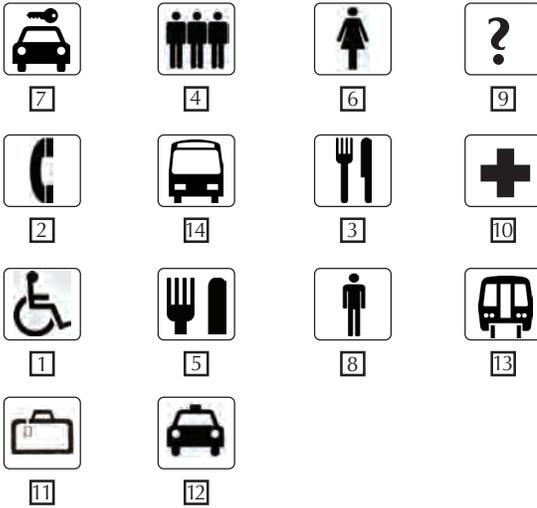


AIYTWAX  
PRAM  
MERIALNT  
NLARIEPA  
WRAUYN

T A X I W A Y  
R A M P  
T E R M I N A L  
A I R P L A N E  
R U N W A Y

TWREO  
NVAITOA  
COSRUOENC  
AGHRAN

T O W E R  
A V I A T I O N  
C O N C O U R S E  
H A N G A R



# ANSWERS

B O P X A Y A V I A N C A D H  
A L I T A L I A K U U M P B R  
Y C A R I B B E A N Q R X Y R  
O S Y A W R I A H S I T I R B  
S M D H L Y U N I T E D O V X  
C I T N A L T A N I G R I V V  
T Y R P J F Y O V L E O M Q Q  
E S O R C R I A S A M A H A B  
J C R H P Z O M S J T F E S D  
T T E J R E T N I S W I S S Z  
S U A P V U A H J Y S T C W A  
E M E A I R F R A N C E I J S  
W K B N T L U F T H A N S A C  
N E L G A E N A C I R E M A Y  
D O V P B K N A C I R E M A S

**DRAW**



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