

Lesson 1A:

While The Pilot Is Away . . . Where In The World?

FLIGHT ROUTE

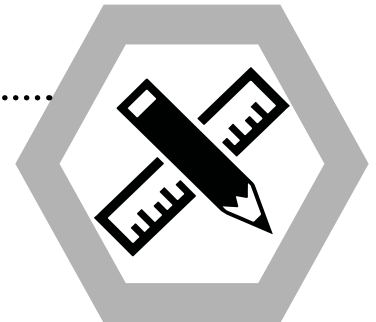
Where You'll Go Today

- In this lesson you will:
 - Explore the location of many cities, states, countries, and territories.
 - Calculate how far your Pilot flies each day, as well as for their entire trip.
 - Use your calculations to determine the mean and median for each day your Pilot flies.
 - Discover what makes a city unique.
 - Re-visit the Adopt-A-Pilot **F.L.I.G.H.T.** Values with an emphasis on examining the value of **LEADERSHIP**.



MATERIALS

- The 3-Letter City Code Chart and the City to City Mileage Chart (in the Addendum)
- Pilot's Trip Sheet (given to you by your Pilot)
- The Capitals and Postal List (on the inside back cover)
- Colored pencils
- The Internet, Atlas or other Geography resources



THE ADOPT-A-PILOT VALUES

LEADERSHIP



noun |

: the ability to lead other people

: a position as a leader of a group, organization, etc.

CRUISE - TRACKING YOUR PILOT'S FLIGHTS

In-Class or At-Home Activity 1

Many adults head off to an office, classroom, or job site close to home when they go to work. When your Pilot heads off to work, they go to the airport and then they fly all around the United States and foreign countries. In between your Pilot's classroom visits you will track them on their trips, learning about geography as you go.

PILOT TRIP SHEET

Each week your Pilot has a schedule that tells them where they will fly. Their schedule is very similar to your school schedule - it tells them where to be and when to be there. One difference is your Pilot's schedule usually changes every week. To complete this activity you will need to know how to read your Pilot's trip sheet and how to understand some basic terminology that your Pilot uses every day.

TRIP SHEET

DATE	FLIGHT #	DEPART	ARRIVE	EQ	BLK	GRND
03 Oct	1818	OAK 2000	LAS 2120	700	120	45
03 Oct	1819	LAS 2205	SFO 2330	700	125	1555
04 Oct	3236	EXAMPLE		700	130	35
04 Oct	241			700	105	105
04 Oct	1481			700	410	1355
05 Oct	675			BUF 1345	PHX 1825	700
05 Oct	734	PHX 1530	SLC 2110	700	130	35
05 Oct	734	SLC 2145	OAK 2330	700	145	0

Annotations: "Departure Airport and Time" points to the DEPART column. "Arrival Airport and Time" points to the ARRIVE column. "Block Time" points to the BLK column. "Ground Time" points to the GRND column.

Terminology:

- *Trip: A Pilot's schedule.* (A trip can be anywhere from one day to four days in length.)
- *Leg or Route: One flight - from departure airport to arrival airport.* (Usually each day of your Pilot's trip has several legs.)
- *Overnight or Layover: The city where your Pilot sleeps overnight during their trip.*
- *Block Time: The total time of a leg from departure (pushback) to arrival (opening the Main Cabin Door).*
- *Ground Time: The amount of time in between legs.*
- *3-Letter City Code: A 3 letter abbreviation used to identify each airport.*
- *Taxi: Driving the airplane on the ground.*

PART ONE: DOTS ON A MAP

Directions: Using the map on PAGE 13, the Capitals and Postal Code List on the BACK COVER complete the following:

1. Using a different color for each day, 'fly' each leg of your Pilot's trip by drawing a line between each departure and arrival airport.
2. Color every State/Country/Territory your Pilot departs from using a different color.
3. Pick at least 6 **different** cities your Pilot landed at and fill in the table below.

3-LETTER CITY CODE	CITY	STATE/COUNTRY/TERRITORY	STATE/COUNTRY/TERRITORY CAPITOL

4. (*Optional*) Using a variety of different colors, color every State/Country/Territory your pilot flew over during their trip.
5. (*Optional*) Label each State/County/Territory you have colored using the two-letter postal abbreviation.
6. Did your Pilot fly over an ocean or body of water? Label that too!



PART TWO: FAR, FAR, AND AWAY

Directions: Use the City to City Mileage Chart to answer the following questions.

1. For each leg of your Pilot's trip, fill-in the table.

DAY ONE	LEG	DEPARTURE 3-LETTER CITY CODE	ARRIVAL 3-LETTER CITY CODE	MILEAGE
	1			
	2			
	3			
	4			
	5			
	DAY ONE MILEAGE TOTAL			

DAY TWO	LEG	DEPARTURE 3-LETTER CITY CODE	ARRIVAL 3-LETTER CITY CODE	MILEAGE
	1			
	2			
	3			
	4			
	5			
	DAY TWO MILEAGE TOTAL			

DAY THREE	LEG	DEPARTURE 3-LETTER CITY CODE	ARRIVAL 3-LETTER CITY CODE	MILEAGE
	1			
	2			
	3			
	4			
	5			
	DAY THREE MILEAGE TOTAL			

DAY FOUR	LEG	DEPARTURE 3-LETTER CITY CODE	ARRIVAL 3-LETTER CITY CODE	MILEAGE
	1			
	2			
	3			
	4			
	5			
	DAY FOUR MILEAGE TOTAL			

2. Calculate the total distance your Pilot flew during their trip.

DAY ONE MILEAGE	
DAY TWO MILEAGE	
DAY THREE MILEAGE	
DAY FOUR MILEAGE	
TOTAL MILEAGE FOR LESSON 1A	

PART THREE: LOOKING AT THE DATA

1. Calculate the mean and find the median for each day of your Pilot's trip.

- *Mean: the average*
- *Median: the value separating the higher half of the mileage from the lower half of the mileage.*

	MEAN	MEDIAN
DAY ONE		
DAY TWO		
DAY THREE		
DAY FOUR		
	THE ENTIRE TRIP	



PART FOUR: OH, THE PLACES YOU WILL GO!

Directions: Pick one city where your Pilot overnighted and research that city to complete this activity.

1. The city I chose was: _____

This city is in the state/country/territory of: _____

The state/country/territory capital is: _____

The postal abbreviation is: _____

2. List any major geological features (rivers, lakes, oceans, mountains, plateaus, canyons, deserts, etc.), landmarks, national parks, or attractions of the state/country/territory.

_____	_____
_____	_____
_____	_____
_____	_____
_____	_____

3. Name any professional sports teams in the state/country/territory!

Basketball: _____

Soccer: _____

Football: _____

Hockey: _____

Baseball: _____

Other: _____

4. The average high and low temperature:

High: _____

Low: _____

5. One cool fact that I learned about this location: _____

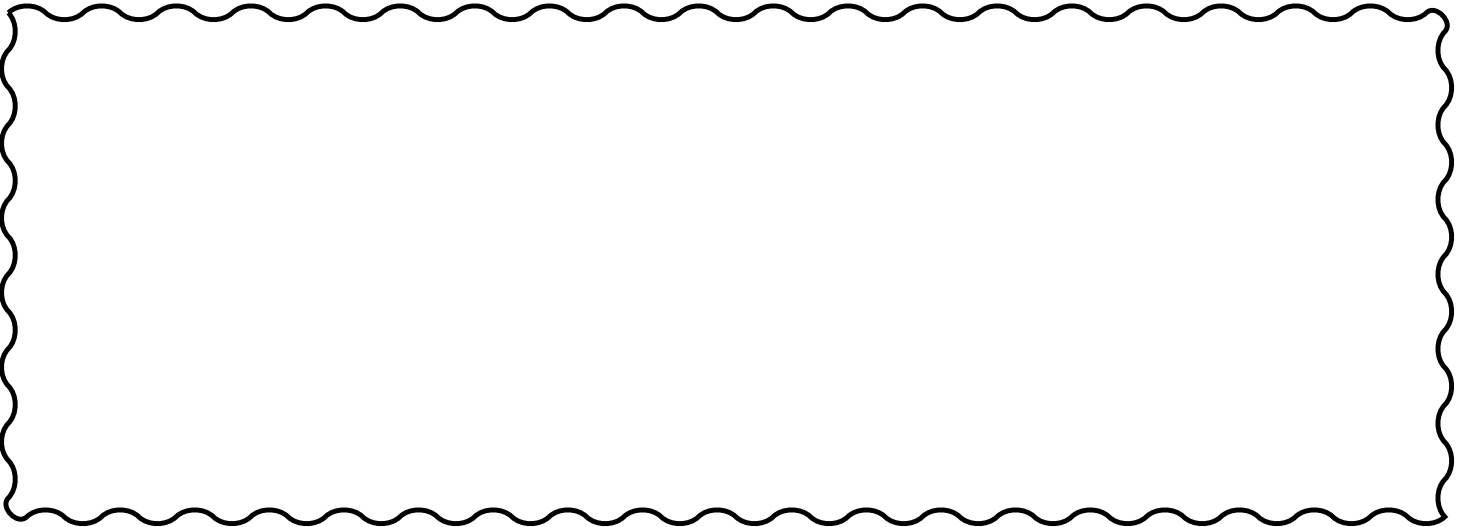
In-Class or At-Home Activity 2

THE ADOPT-A-PILOT F.L.I.G.H.T. VALUES

1. Name five people who you think exhibit **LEADERSHIP** qualities! (Think of famous people as well as people that you know!)

- a. _____
- b. _____
- c. _____
- d. _____
- e. _____

2. Use the space below to write or draw what **LEADERSHIP** means to you.



LANDING

Wrapping Up the Lesson

- Thank you for following along while your Pilot was away.
- After reviewing this lesson, think of some questions you might want to ask your Pilot.

Do you wonder what city they like to overnight in the most? What do they find fascinating about the places they fly to?

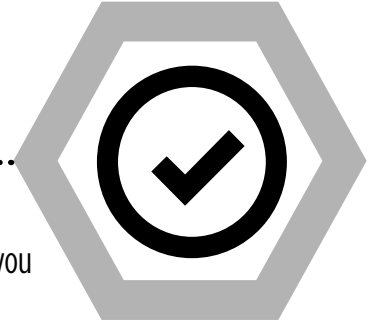
- How does your Pilot exhibit **LEADERSHIP** at work?
- Use the space below to write down any questions you may have.



POST FLIGHT CHECKLIST

A Briefing For Your Pilot's Next Visit

- If you have not completed your **1ST SOLO FLIGHT – WHEN I GROW UP, I WANT TO BE...** activity, you still have time. Your Pilot may ask some of you to share this activity the next time they visit!
- Be ready to share something you found interesting about **LESSON 1A: WHILE THE PILOT IS AWAY...WHERE IN THE WORLD** with your Pilot. Maybe you'll teach them something they didn't know!
- Come to the next Adopt-A-Pilot class ready to exhibit all of your Adopt-A-Pilot **F.L.I.G.H.T.** Values!



Questions:
