

Numbers and Operations: Operations Coordinator

Bureau of Land Management

Job Description: Coordinates logistical support for natural disasters and movement of incident support resources.

Problem:

The company has been asked to help fight a fire in the Phoenix, Arizona area. How much it will cost to fly a Boeing 787 from the Boise Airport to Phoenix, Arizona to assist in this fire fighting effort?

Flight time to Phoenix is 1 hour and 47 minutes. Cost to fly one hour is \$3,833.

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Solution:

1. Convert flight time in minutes to hundredths of an hour.

$47 \text{ minutes} \times 1 \text{ hour} \div 60 \text{ minutes} = 0.78 \text{ hours} + 1 \text{ hour} = 1.78 \text{ hours}$

or...

$60 \text{ minutes} + 47 \text{ minutes} = 107 \text{ minutes}$

$107 \text{ minutes} \times 1.6667 \text{ (convert minutes to hundredths)} = 1.78 \text{ hours}$

2. Total flight time = 1.78 hr

$1.78 \text{ hr} \times \$3,833/\text{hour} = \$6,822.74 \text{ (cost to fly)}$