Chapter 12

1. The bus crew (Crew)

2. Two aircraft

Cruise Speed

V••

Height

• 70
• 60
• 50
• 40
• 30
• 20
• 10

Climbing Speed

Climbing Angle

Aircraft

Engine Failure

Air Breeds (Tail) Drones

Note: The grapples have not been drawn accurately.
Determine if two quantities are related
Write sentences describing how two quantities are related
Determine the type of relationship that exists (increasing/decreasing)
Complete tables of data
Write equations relating two quantities
Graph the relationship between two quantities (with or without numbers)
Determine if the relationship is linear
Calculate the numerical value for slope of a linear relationship
Describe in words what the slope indicates about the relationship
Given a graph, describe the relationship between the quantities
Match graphs with given conditions (candle problems)
Relate the slope to an equation for the graph