SY103 Flight Controls

Objective 1: Identify terminology and concepts related to the flight control system
Objective 2: Identify the components and operations for the elevator system
Objective 3: Identify the components and operations for the aileron system
Objective 4: Identify the components and operations for the rudder system
Objective 5: Identify the components and operations for the trim system
Objective 6: Identify the components and operations for the TAD system

SY104 Hydraulic System 1

Objective 7: Define terminology and concepts related to the hydraulic system
Objective 8: Identify the components and operations for the primary hydraulic system
Objective 9: Identify the components and operations for the emergency hydraulic system
Objective 10: Identify the purpose and components of the landing gear extension/retraction system
Objective 11: Identify characteristics of normal operations for landing gear extension/retraction system
Objective 12: Identify the components and operations for the emergency landing gear extension system

SY105 Hydraulic System 2

Objective 13: Identify purpose of flaps system
Objective 14: Identify characteristics of components and normal operations for flap system
Objective 15: Identify characteristics of components and normal operations for speed brake system
Objective 16: Identify the purpose of nose wheel steering system components
Objective 17: Identify the characteristics of components and normal operations for nose wheel steering system
Objective 18: Identify characteristics of components and normal operations for wheel brake system

SY107 Up-Front Control Panel

Objective 19: Identify purpose of the Up Front Control Panel (UFCP)
Objective 20: Interpret Up Front Control Panel (UFCP) displays
Objective 21: Describe Up Front Control Panel (UFCP) operating principals
Objective 22: Identify RPT advisory indications
Objective 23: Identify indications for an Up Front Control Panel (UFCP) failure

SY108 Flight Instruments 1

Objective 24: Define terminology and concepts related to the avionics and instrument system
Objective 25: Identify major components of the avionics and instrument system
Objective 26: Identify MFD system components and operations
Objective 27: Describe MFD primary flight display normal operating principals
Objective 28: Identify the purpose of the backup flight instrument
Objective 29: Identify characteristics of normal operations for backup flight instrument

SY109 Flight Instruments 2

Objective 30: Describe engine indication and crew alerting system operating principals
Objective 31: Interpret engine indications and crew alerting system displays
Objective 32: Identify communications/aural warning system components and operations
Objective 33: Identify PFD AOA components and normal operations
Objective 34: Describe PFD accelerometer normal operations
Objective 35: Identify characteristics of normal operations for flight data recorder system

SY110 Head-Up Display

Objective: 36: Identify the purpose of the Head Up Display (HUD)
Objective: 37: Describe Head Up Display operating principles.

SY111 Communication Systems

Objective: 38: Identify communication/UHF radio system components and operations
Objective: 39: Identify communications/VHF radio system components and operations
Objective: 40: Identify normal operations for communications/interphone system
Objective: 41: Identify communications/audio control panel system components
Objective: 24: Identify transponder system components and operations

SY112 Navigation Systems

Objective: 43: Identify navigation/VOR/ILS system components and operations
Objective: 44: Identify navigation/DME system components and functions
Objective: 45: Identify collision warning system components.
Objective: 46: Identify characteristics of normal operations for collision warning system

SY114 Flight Management System (FMS)

Objective 47: Identify flight management system (FMS)/GPS system components and operations.
Objective 48: Interpret flight management system (FMS)/GPS instrument displays
Objective 49: Interpret flight management system (FMS)/GPS system operation principals