

INFORMATION REPRESENTATION

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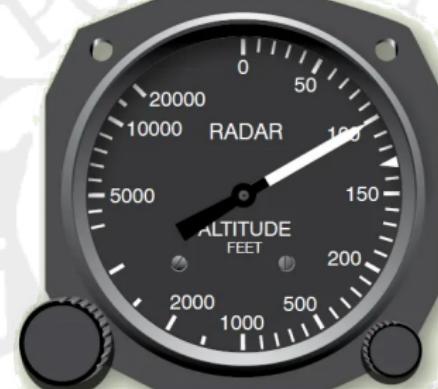
Department of Aerospace Science and Technology
Politecnico di Milano

Version 0.9.f

POSSIBLE INFORMATION REPRESENTATIONS



Moving pointer-fixed index



Moving pointer-fixed index

POSSIBLE INFORMATION REPRESENTATIONS



Fixed pointer-moving index



Fixed pointer + moving pointers - moving index

POSSIBLE INFORMATION REPRESENTATIONS



Direct digit reading



Tape-type
altimeter

STANDARD INSTRUMENTS ARRANGEMENT



Basic 6

EFIS PFD INSTRUMENTS ARRANGEMENT



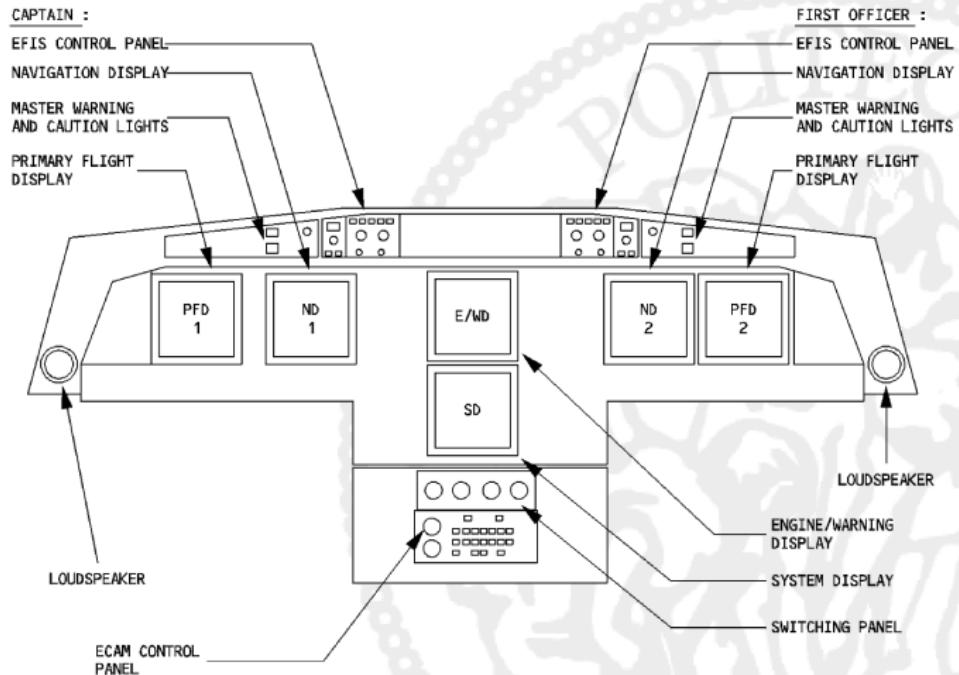
Primary Flight Display (PFD)

EFIS ARRANGEMENT



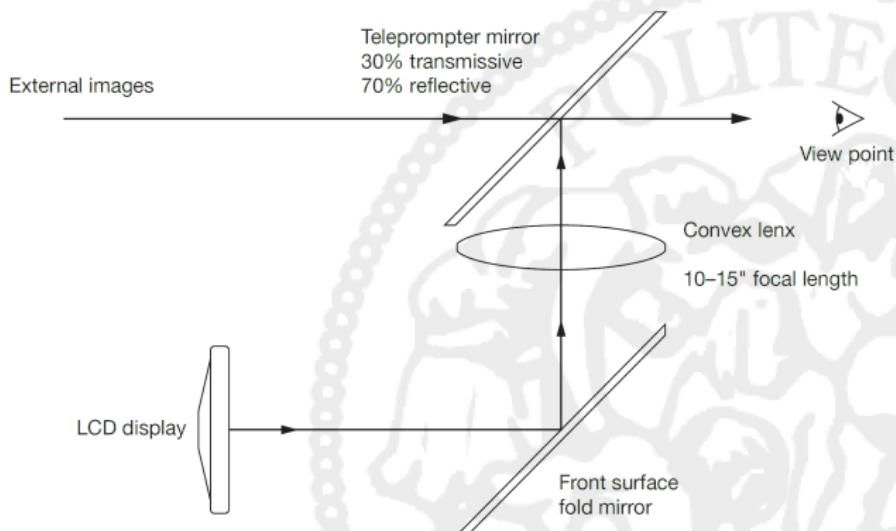
A320 Cockpit arrangement

EFIS ARRANGEMENT



A320 Cockpit arrangement: EFIS, PFD, ND, E/WD, and SD

Head-Up Display



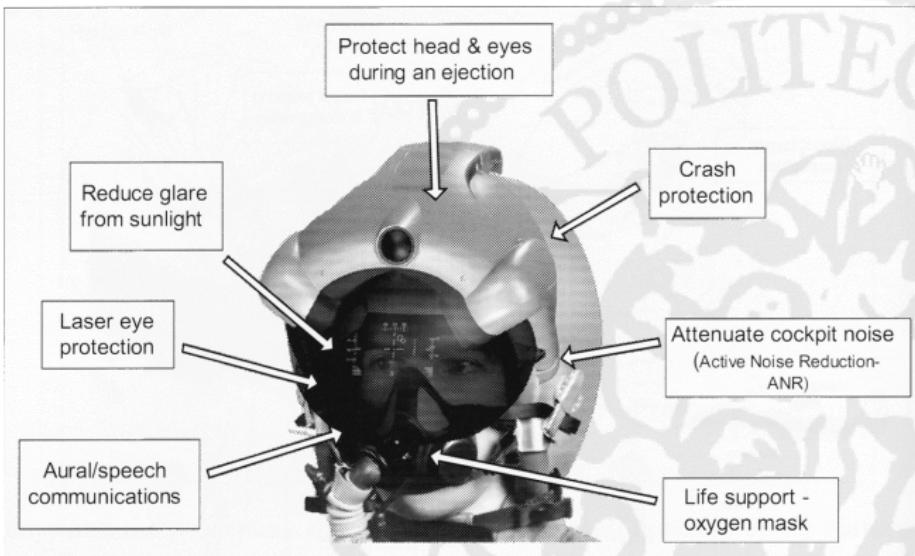
Head-Up Display (HUD) optical scheme

HUD



HUD night view

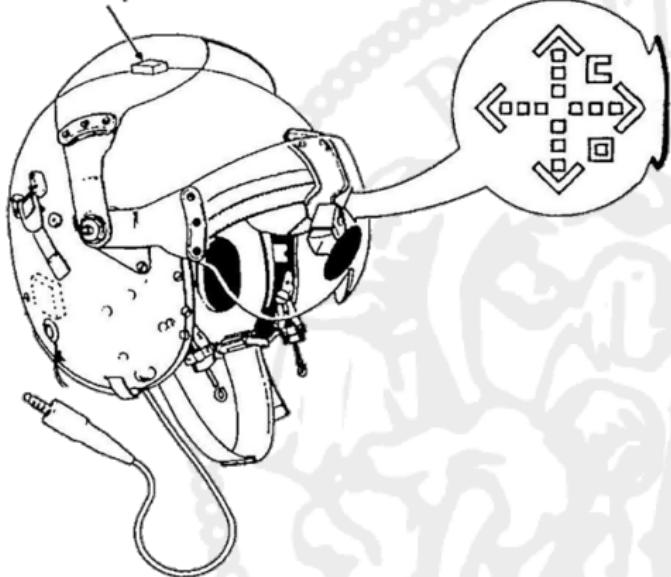
Helmet Mounted Display



Helmet Mounted Display (HMD) components

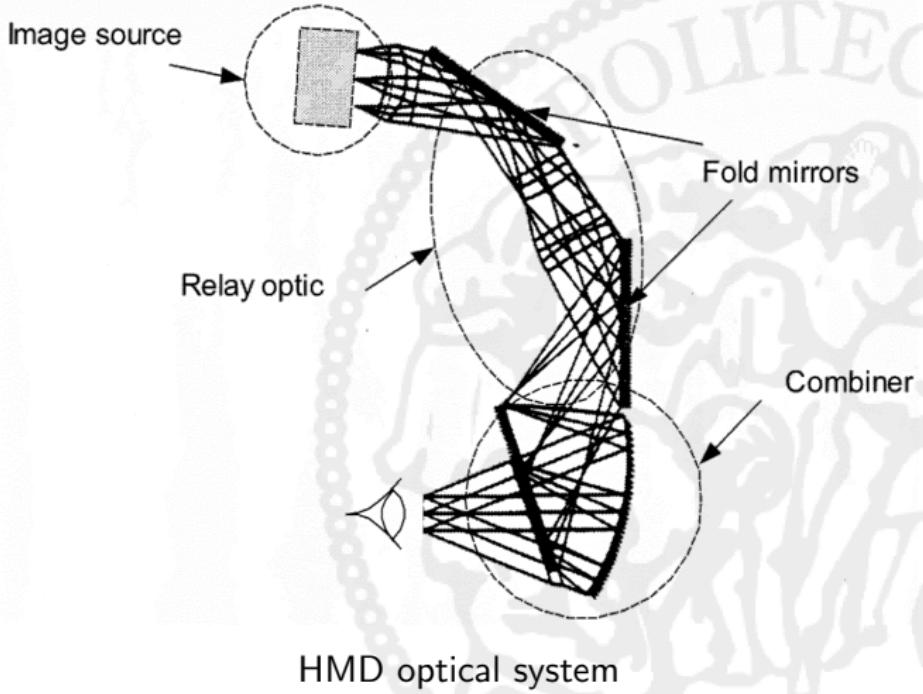
HMD

Sensor of position



HMD head position sensing

HMD



Night Vision Goggles



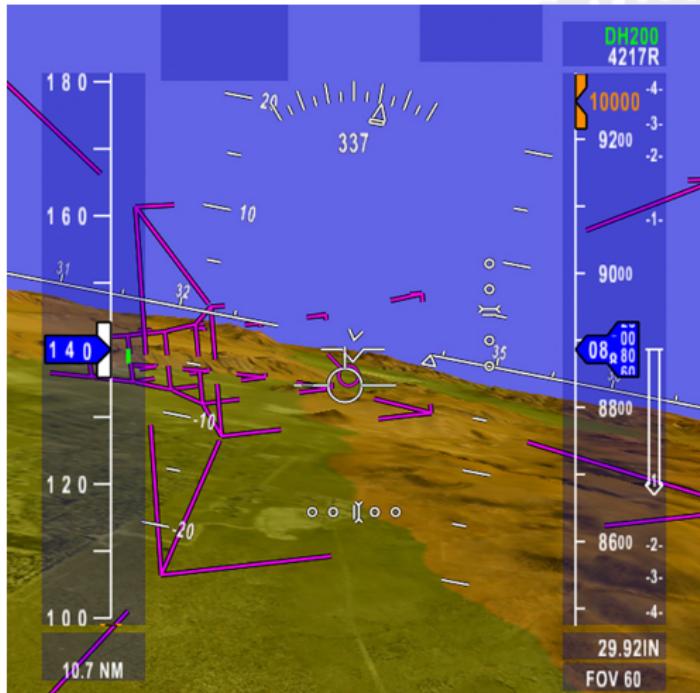
Night Vision Goggles (NVG) mounted on helmet

NVG



NVG image sample

SYNTHETIC VISION



List of Acronyms

E/WD	Engine/Warning Display
EFIS	Electronic Flight Instrumentation System
HMD	Helmet Mounted Display
HUD	Head-Up Display
ND	Navigation Display
NVG	Night Vision Goggles
PFD	Primary Flight Display
SD	Systems Display