

SYLLABUS FOR LWTR
" Large Aircrafts " (More than 5700 kg)

Avionics paper (2)

1. Basic aircraft communication & Navigation systems :

I/C , P/A , HF , VHF , Selecal , Voice recorder , VOR ,
ILS , Marker , ADF .

3. Basic aircraft pulse Navigation systems :

ATC , DME , Radar , Radio Altimeter

5. INS System:

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- Basic principles
 - Displays and interface with A/C systems
 - Mode selector & C.DU operation
 - Aircraft installation & Testing

7. I.R.S:

Basic principles

9.G.P.W.S:

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- Modes
 - Warnings
 - Inputs & interface

11. Satellite Comm

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- Principle of operation
 - Applications
 - Interface with aircraft systems. -

13.Sattelite Nav. systems (G.P.S.)

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- Principles of operation
 - Application &airborne equipment
 - Interface with aircraft systems-

15. TCAS:

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- Principles of operation, mode S Transponder
 - Indications
 - Interface with A/C systems.