

Senior and staff cadet training

ACP 34
Aircraft operation
Volume 4

Operational Flying



Course	Aircraft operation, operational flying, ACP 34 volume 4		
Lesson Number	Chapter	Title	Notes
1	1	Air Power	<ol style="list-style-type: none"> 1. Definition of Air Power 2. Strengths of Air Power <ol style="list-style-type: none"> a) Height b) Speed c) Reach d) All-encompassing e) Flexibility f) Response g) Concentration 3. Limitations of Air power <ol style="list-style-type: none"> a) Airborne time b) Limited payloads c) Fragility 4. Other considerations <ol style="list-style-type: none"> a) Cost b) Dependency on bases c) Sensitivity to light and weather d) Sensitivity to technology
2	2		<ol style="list-style-type: none"> 1. Preserving peace <ol style="list-style-type: none"> a) Promoting international relations b) Providing reassurance 2. Managing international crisis <ol style="list-style-type: none"> a) Warning b) Signaling c) Supporting friends d) International rescue e) Inject stability f) Deterrence g) Punishment
3		Applications of Air Power	<ol style="list-style-type: none"> 1. Wartime applications <ol style="list-style-type: none"> a) Surveillance b) Destruction c) Control by force d) Denial e) Diversion and delay f) Demoralisation 2. Air Strategy <ol style="list-style-type: none"> a) Combat air operations b) Combat-support air operations c) Ground combat-support operations
4	3		<ol style="list-style-type: none"> 1. Counter air operations <ol style="list-style-type: none"> a) Favourable air situation b) Air superiority c) Air supremacy 2. The offence-defence balance <ol style="list-style-type: none"> a) Offensive counter-air <ol style="list-style-type: none"> i) Suppression of enemy air defences ii) Fighter sweep iii) Escort iv) Airfield attack b) Defensive counter-air 3. Active air defence
5	3	Combat Air Operations	<ol style="list-style-type: none"> 1. Anti-surface operations <ol style="list-style-type: none"> a) Air interdiction b) Battlefield air interdiction c) Close air support d) Maritime air operations 2. Strategic air offensive <ol style="list-style-type: none"> a) Nuclear operations

			b) Conventional operations
6	4	Combat Support Air Operations	<ol style="list-style-type: none"> 1. Air transport <ol style="list-style-type: none"> a) Scheduled services b) Airborne operations c) Special air operations d) Air logistic support operations e) Aero medical evacuation 2. Air to air refueling (AAR) <ol style="list-style-type: none"> a) Towline b) Trail 3. Aerospace reconnaissance operations <ol style="list-style-type: none"> a) AEW/AWACS b) Interpretation 4. Search and rescue (SAR) 5. Electronic Warfare Operations
7	5	Ground Combat Support	<ol style="list-style-type: none"> 1. Active defence <ol style="list-style-type: none"> a) Active air defence b) Active ground defence 2. Passive defence <ol style="list-style-type: none"> a) Dispersal b) Deception c) Physical protection d) Resilience 3. Training 4. Logistics
8		Revision	Past papers
9		Revision	Past papers
10		Revision	Past papers