

CONTENTS :

<u>Chapter:</u>	<u>Page:</u>
1. Introduction	3
2. Aerodynamics	5
3. Flight Mechanics	35
4. Aerobatics	60
5. Operational Flying and Techniques	69

VA -TK
skripta

Contents :

	Chapter	Page
1.	Aircraft Dimensions	84
2.	Aircraft -General	89
3.	Airframe	91
4.	Fuselage	93
5.	Wing	97
6.	Tail Unit	112
7.	Undercarriage	115
8.	Controls	126
9.	Engine Bed	129
10.	Fuel System	131
11.	Hydraulic System	134
12.	Pneumatic System	136
13.	Structural Ice Control Systems	138
14.	Cockpit	143
15.	Flight Instruments	151
16.	Engine Instruments and Controls	156
17.	Power Unit	161
18.	Piston Engines	162
19.	Ignition	171
20.	Turbocharging	175
21.	Propeller	177
22.	Component Velocities at Blade Element	181
23.	Governor and Pitch Control Mechanism	186
24.	Engine Lubrication	188
25.	Simple Jet Engine	194
26.	Compressors	198
27.	Combustion Chamber and Burners	203
28.	Turbine	207
29.	Exhaust Unit	210
30.	Turbofans	213
31.	Turboprops	215
32.	Electrical System	218
33.	Spreading System	220
34.	Typical Aircraft Spray System	223