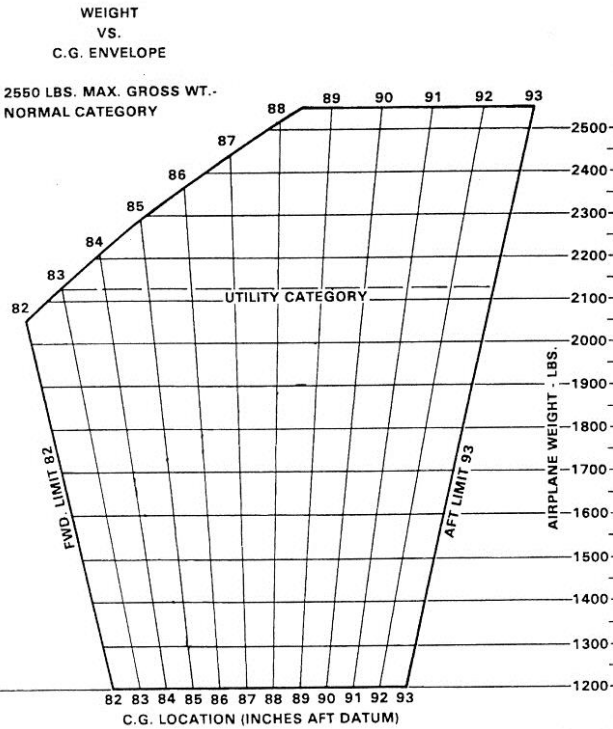


### Flight Data

N	Date	ETD	Due Back Time
Instructor	Student 1	Student 2	Flight Plan Filed (Y/N)
Fuel on board	VFR / IFR	Dual / Solo	Mission #
Route / Practice Area		Next Maintenance Event Due:	

### Weight & Balance Data



*\*Use of the airplane in the utility category is not approved by CAE Oxford Aviation Academy.*

Item	Weight (Lbs)	Arm Aft Datum (in)	Moment (In-Lbs)
Basic Empty Weight			
Pilot and Front Passenger		80.5	
Passengers (Rear Seat)*		118.1	
Fuel (48 USG max.)		95.0	
Baggage (200 lbs max.)*		142.8	
<b>Ramp Weight</b> (2558 lbs Normal – 2138 lbs Utility max.)			
Fuel Allowance (Start-Taxi-Run-up)	-8	95.0	-760
<b>Takeoff Weight</b> (2550 lbs Normal – 2130 lbs Utility max.)			
Trip Fuel		95.0	
<b>Landing Weight</b> (2550 lbs Normal – 2130 lbs Utility max.)			

Aircraft	BEW	Arm	Moment	Aircraft	BEW	Arm	Moment
N4400P	1770.2	90.02	159352.0	N4403M	1772.2	90.00	159492.6
N4400S	1769.2	90.14	159478.4	N4403N	1764.0	90.26	159214.6
N4400W	1767.2	90.12	159259.0	N4403P	1774.2	89.73	159196.5
N4400X	1772.2	90.00	159492.6	N4403W	1773.2	90.01	159602.2
N4401F	1766.2	90.12	159149.3	N4403Z	1772.2	90.09	159650.1
N4402N	1770.2	90.06	159430.7	N4404F	1771.9	89.97	159411.9
N4402T	1774.2	89.60	158960.3	N28614	1781.2	89.76	159885.6
N4402U	1771.2	90.08	159540.4	N28421	1767.2	89.90	158865.5
N4402W	1768.2	89.95	159053.8	N28251	1769.2	90.19	159557.1
N4403F	1775.2	89.78	159384.8	N28154	1767.2	90.21	159416.4
N4403L	1767.2	89.90	158865.5	N28852	1765.2	90.01	158882.1

### Performance Data for relevant airports

Airport:	ATIS:					
X-Wind Component:	kts	Pressure Altitude:	ft	Density Altitude:	ft	
TODR:	ft	TODR x 1.25:	ft ≤	Departure TODA:	ft	
LDR:	ft	LDR x 1.43:	ft ≤	Destination LDA:	ft	

# FLAPS UP TAKEOFF PERFORMANCE

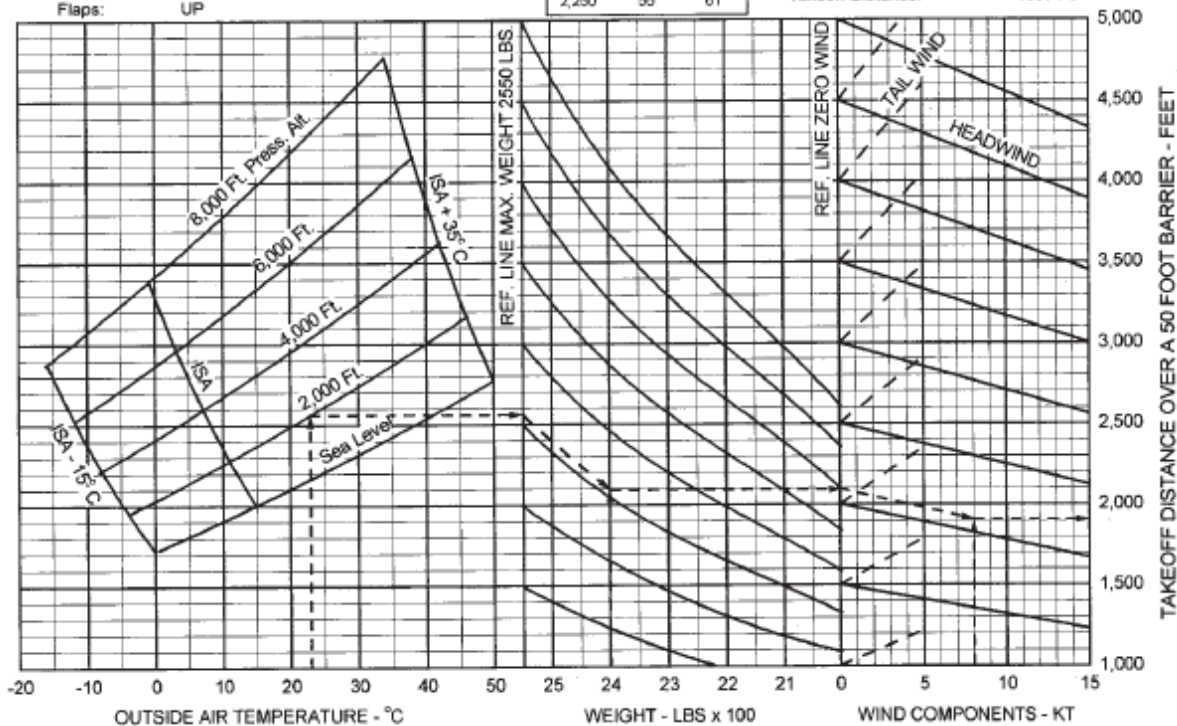
## ASSOCIATED CONDITIONS:

Power: FULL THROTTLE BEFORE BRAKE RELEASE  
 Air Conditioner: OFF  
 Runway: PAVED, LEVEL, & DRY  
 Airspeed: REFER TO TABLE AT RIGHT  
 Propeller: SENSENICH 76EM8S14-0-62  
 Flaps: UP

TAKEOFF SPEEDS	KIAS	
	LIFTOFF	50 FT
2,550	60	65
2,450	58	64
2,350	57	63
2,250	56	61

## EXAMPLE:

Depart Airport Pressure Alt: 2,000 Ft  
 Temperature: 23° C  
 Gross Weight: 2,400 Lb.  
 Headwind: 8 Kt.  
 Takeoff Distance: 1907 Ft.



## FLAPS UP TAKEOFF PERFORMANCE

Figure 5-7

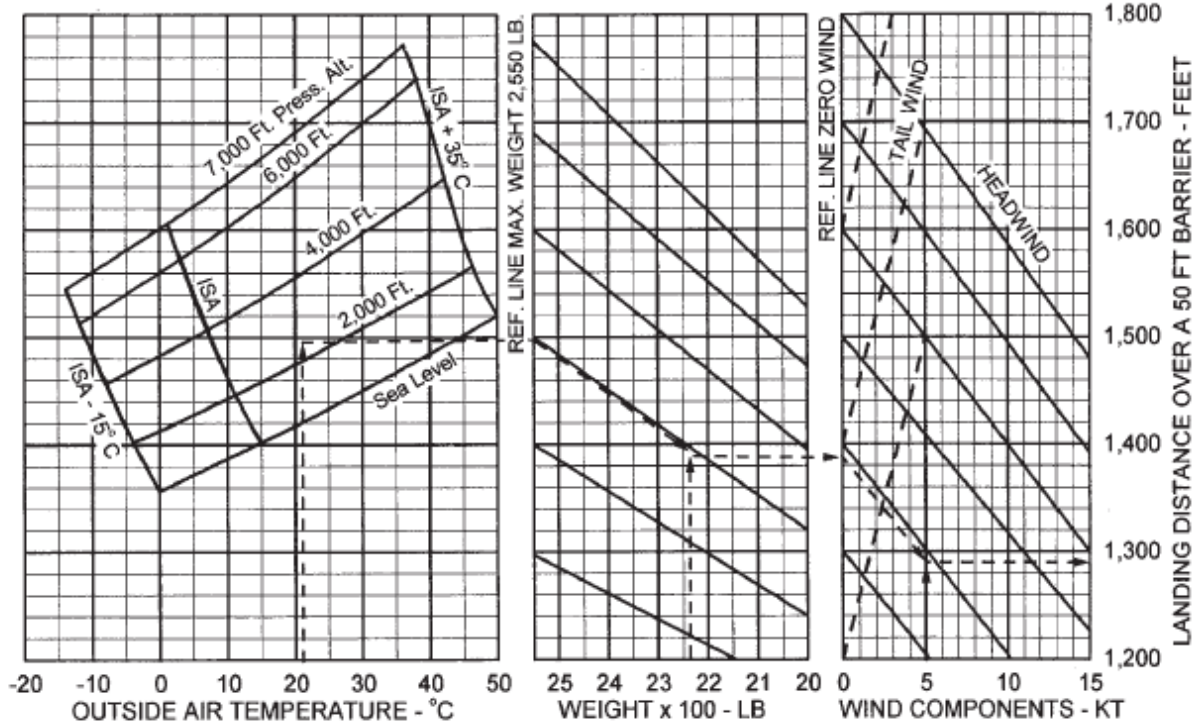
# LANDING PERFORMANCE

## ASSOCIATED CONDITIONS

Power Off Approach, 40° Flaps, 66 KIAS, Full Stall  
 Touchdown, Maximum Braking, Paved, Level, Dry Runway

## EXAMPLE:

Airport Pressure Altitude: 2,500 FT.  
 O.A.T.: 21° C  
 Gross Weight: 2,240 LB.  
 Headwind: 5 KT.  
 Landing Distance: 1,290 FT.



## LANDING PERFORMANCE

Figure 5-35