

**Takeoff  
N456FL B400X WIFJ443AP**

**Actual TOW: 15378**  
**Wind: 04221 T**  
**Altimeter: 30.06**

**Flap: 10 DEGREES**

**ANTI ICE OFF  
WITH OBSTACLE CLEARANCE**

KAPF	05	14	23	32	Runway
TEMP C PWR	5800 / 5800 / 5800	5000 / 5000 / 4550	5800 / 5800 / 5800	5000 / 5000 / 4870	TORA / TODA / ASDA
<b>22 100.0</b>	16300 / ST 105 / 112 / 120 / 140 3492 / 408	15817 / -O 106 / 112 / 120 / 140 3987 / 408	OVERWEIGHT	16132 / -O 105 / 112 / 120 / 140 3893 / 408	Limit Weight / Code V1 / VR / V2 / VFTO TOFL / ACCEL(MSL)
<b>23 100.2</b>	16300 / ST 106 / 112 / 120 / 140 3528 / 408	15777 / -O 106 / 112 / 120 / 140 4023 / 408	OVERWEIGHT	16087 / -O 106 / 112 / 120 / 140 3928 / 408	
<b>24 100.3</b>	16300 / ST 106 / 112 / 120 / 140 3564 / 408	15740 / -O 106 / 112 / 120 / 140 4058 / 408	OVERWEIGHT	16050 / -O 106 / 112 / 120 / 140 3964 / 408	
<b>25 100.5</b>	16300 / ST 106 / 112 / 120 / 140 3599 / 408	15701 / -O 106 / 112 / 120 / 140 4095 / 408	OVERWEIGHT	16011 / -O 106 / 112 / 120 / 140 4000 / 408	
<b>26 100.3</b>	16300 / ST 106 / 112 / 120 / 140 3632 / 408	15563 / -O 106 / 112 / 120 / 140 4131 / 408	OVERWEIGHT	15875 / -O 106 / 112 / 120 / 140 4036 / 408	
<b>27 100.0</b>	16300 / ST 106 / 112 / 120 / 140 3665 / 408	15423 / -O 106 / 112 / 120 / 140 4168 / 408	OVERWEIGHT	15736 / -O 106 / 112 / 120 / 140 4072 / 408	
<b>28 99.8</b>	16300 / ST 106 / 112 / 120 / 140 3699 / 408	OVERWEIGHT	OVERWEIGHT	15594 / -O 106 / 112 / 120 / 140 4108 / 408	

**Runway Notes**

<b>Limit Codes:</b>
ST - Structural Limit
FL - Field Length Limit
-O - Obstacle Limit
TS - Tire Speed Limit
BE - Brake Energy Limit
CL - Climb Limit
FP - TO Thrust Time Limit
CD - Contaminant Depth Limit
SP - Climb Speed Limit

**Landing**  
**N456FL B400X WIFJ443AP**  
**Flap: 10/30 DEGREES**

**Actual LDW: 14078**  
**Wind: 11004 M**  
**Altimeter: 30.27**

**WET RWY - 115%**  
**ANTI ICE OFF**  
**80% LANDING FACTOR**

KFHB	04	09	13	22	Runway
TEMP C	5301	5000	5152	4861	LDA
12	15700 / ST / 8.6 3673 / 4025 110 / 132 / 140	15700 / ST / 8.7 3633 / 3976 110 / 132 / 140	15700 / ST / 8.7 3632 / 3974 110 / 132 / 140	15700 / ST / 8.4 3811 / 4186 110 / 132 / 140	Limit / Cd / MA Grad LD Dist / 1.25 Dist VREF / VAPP / VFS
13	15700 / ST / 8.6 3683 / 4037 110 / 132 / 140	15700 / ST / 8.7 3644 / 3988 110 / 132 / 140	15700 / ST / 8.7 3642 / 3986 110 / 132 / 140	15700 / ST / 8.4 3821 / 4197 110 / 132 / 140	
14	15700 / ST / 8.6 3694 / 4048 110 / 132 / 140	15700 / ST / 8.7 3654 / 3999 110 / 132 / 140	15700 / ST / 8.7 3652 / 3997 110 / 132 / 140	15700 / ST / 8.4 3832 / 4209 110 / 132 / 140	
15	15700 / ST / 8.6 3704 / 4059 110 / 132 / 140	15700 / ST / 8.7 3664 / 4011 110 / 132 / 140	15700 / ST / 8.7 3662 / 4008 110 / 132 / 140	15700 / ST / 8.4 3842 / 4220 110 / 132 / 140	
16	15700 / ST / 8.6 3714 / 4071 110 / 132 / 140	15700 / ST / 8.7 3674 / 4022 110 / 132 / 140	15700 / ST / 8.7 3673 / 4020 110 / 132 / 140	15700 / ST / 8.4 3853 / 4232 110 / 132 / 140	
17	15700 / ST / 8.6 3724 / 4082 110 / 132 / 140	15700 / ST / 8.7 3685 / 4033 110 / 132 / 140	15700 / ST / 8.7 3683 / 4031 110 / 132 / 140	15700 / ST / 8.4 3863 / 4243 110 / 132 / 140	
18	15700 / ST / 8.6 3734 / 4093 110 / 132 / 140	15700 / ST / 8.7 3695 / 4045 110 / 132 / 140	15700 / ST / 8.7 3693 / 4042 110 / 132 / 140	15700 / ST / 8.4 3873 / 4255 110 / 132 / 140	

KFHB	27	31		Runway
TEMP C	4301	4359		LDA
12	OVERWEIGHT	14092 / FL / 8.2 3961 / 4356 110 / 132 / 140		Limit / Cd / MA Grad LD Dist / 1.25 Dist VREF / VAPP / VFS
13	OVERWEIGHT	OVERWEIGHT		
14	OVERWEIGHT	OVERWEIGHT		
15	OVERWEIGHT	OVERWEIGHT		
16	OVERWEIGHT	OVERWEIGHT		
17	OVERWEIGHT	OVERWEIGHT		
18	OVERWEIGHT	OVERWEIGHT		

**Runway Notes**

Limit Codes:
ST - Structural Limit
FL - Field Length Limit
-O - Obstacle Limit
TS - Tire Speed Limit
BE - Brake Energy Limit
CL - Climb Limit
FP - TO Thrust Time Limit
CD - Contaminant Depth Limit
SP - Climb Speed Limit