







Takeoff /landing Bahayall Fwn + FR > Fecularya !!!

Tanpa angin

$$\sum F_{y} = F_{t} \cos \theta - F_{g} = C$$

$$F_{t} \cos \theta = F_{g}$$

$$Cor \theta = F_{g}$$

$$F_{t} = C$$

Tanpa angin

$$\sum Fy = \overline{F_{tay}} + \overline{F_{thy}} - \overline{F_g} = 0$$

$$\sum IN \Theta(\overline{F_{ta}} + \overline{F_{th}}) = \overline{F_g}$$

$$\sum In^{-1} \overline{F_g} = 0$$

$$(\overline{F_{+a}} + \overline{F_{+b}})$$

$$\frac{\left(\left(\sin\theta\right)\left(F_{+a} + F_{+b}\right) - F_{g}\right)^{2} + \left(\cos\theta\left(F_{+a} + F_{+b}\right)\right)^{2}}{\sin^{2}\theta\left(F_{+a} + F_{+b}\right)^{2} - 2\sin\theta\left(F_{+a} + F_{+b}\right)F_{g} + F_{g}^{2} + \dots + F_{h}^{2}} - 2\sin\theta\left(F_{+a} + F_{+b}\right)F_{g} + F_{g}^{2} + \dots + F_{h}^{2} - 2\sin\theta\left(F_{+a} + F_{+b}\right)F_{g}}$$

$$\frac{\left(\left(F_{+a} + F_{+b}\right)^{2} - 2\sin\theta\left(F_{+a} + F_{+b}\right)F_{g}}{\left(F_{+a} + F_{+b}\right)\left(F_{+a} + F_{+b}\right)} - 2\sin\theta F_{g}\right) = F_{R}^{2}$$

GLB - GLBB F=ma a=F Vt=Vo+at X = Xo+Vot+ fat

1 mg

F Frank bonston as Av Phyton W/s dx Odeint

A tidal lungtan

= 7 SF: mar - 3-7-5-1-8 + 747

$$\Sigma au = I lpha \qquad \omega = rac{d heta}{dt}$$
 $lpha = rac{d \omega}{dt}$

$$F_g = 14.715 ext{N}$$
 $\Sigma F_y = F_g$ $\cos(heta) imes (F_{tl} + F_{tr}) = F_g$

$$1 = \text{left, r} = \text{right}$$

$$\Sigma \tau_{l} = \Sigma F_{l} \times r = I_{l} \alpha_{l}$$

$$\Sigma \tau_{r} = \Sigma F_{r} \times r = I_{r} \alpha_{r}$$

$$\Sigma I_{l} = \Sigma I_{r} = 2 \times \frac{1}{3} m L^{2}$$

$$\Sigma \tau = 14 \times 0.5 = 4 \times \frac{1}{3} \times 1.5 \times 0.5^{2} \times \alpha$$

$$\alpha = 7 \text{ rad.m.s}^{-2}$$

$$R = \sqrt{F - 2F_{5}F \cos \theta} - 2F_{W} + \sin \theta + F_{3}^{2} + F_{w}^{2}$$

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V =
$$\sqrt{\frac{Fw}{0.613 \, A10}}$$

$$-r \qquad n = n_0 + V_0 + 1/2at^2$$

$$V_t^2 = V_0^2 + 2an$$

$$V_t = V_0 + at$$

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Vmoke = 24 m/s

0.2 m = Vmake