Multidisciplinary Design Optimization for an eVTOL Aircraft on Maximizing Long-Term Profit

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This is an EXAMPLE abstract.

I. Nomenclature

α	=	angle of attack
AR	=	aspect ratio
S	=	area
h	=	altitude
V_∞	=	airspeed
Q_n	=	normalized torque
R	=	rotor radius
RPM	=	X rotational speed in revolutions per minute
mb	=	Y battery mass
$num.flts$	=	number of flights
L	=	lift
W	=	weight
T	=	thrust
D	=	drag
E_avail	=	energy available
E_total	=	energy total
C_m	=	pitching moment
C_r	=	rolling moment
SM	=	static margin