Breacher App
Explosive Calculator
and
Breach Reports

P3D Solutions, Inc has developed an application that benefits the operator in a number of ways. Most important is the rapid calculation of a charges MSD (minimum safety distance) and total N.E.W. It also provides the internal PSI for a given room size to help determine where it is safe to stack when conducting CQB operations.

The Breacher App provides an intuitive way to document charges and generate a standardized breach report based on the input. The app and all reports are stored on your chosen device, not in the cloud, and can be shared or printed as a PDF file. The Breacher can include comments on the target, type of charge, results and attach photos to the report, serving as the basis for a digital breaching log. Reports can be edited later to include results and post-breach pictures.

The Custom Calculation menu covers numerous explosives and priming methods in a drop-down menu setup, giving the breacher the ability to finalize documentation and access vital information in less than a minute.
The Pre Calculated BreachPop's menu gives you access to explosive data and breach report based on standardized range of BreachPop® charges. The breachers personal info can be stored in the app so it will auto-populate in future breach reports, saving even more time.

What follows is an outline of the setup of the Breacher App in detail. The data extracted from within the application is based on internationally acknowledged research and regulations. The BreachApp application is a P3D Solutions, Inc. product and was developed by Operational Breachers for Operational Breachers.

Patent Pending

Breacher App
Main menu

P3D SOLUTIONS
PROFESSIONAL SOLUTIONS TO PROFESSIONAL PROBLEMS

BREACH POP
www.P3DSolutions.com

The main menu gives you the opportunity to select between 5 different sub menus

Breacher Info

Custom Calculation

Breach Reports

Pre Calculated Breachpop's

NEW to MSD Diagram

P3D Solutions   Imprint   Data Protection

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Breacher App
Breacher Info

P3D SOLUTIONS
PROFESSIONAL SOLUTIONS TO PROFESSIONAL PROBLEMS

BREACH POP
www.P3DSolutions.com

Please enter your information here. This data is used to autofill your breach reports.

Type

Type | **Breacher** | Master Breacher

Country

Country | Select country ▼

Name

Name/Call sign

Team

Squadron

Active Unit

Active Unit | **Imperial** | Metric

SAVE

The Breacher Info menu lets you insert your personal data as applicable to auto-fill the breach report later.

• It also lets you choose your preferred measurement data Imperial or Metric.

• All settings will be autofilled into each new Breach Report to save time and is stored ONLY on your device.

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Breacher App
Custom Calculation

P3D SOLUTIONS
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BREACH POP
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Active Unit

Active Unit	Imperial	Metric

Explosives

Explosives: Det Cord 50 grains / 10 gram

Length: 36 in

Explosives: Select explosive

Boosters

Booster: Select booster

Priming

Priming: Dual

Total N.E.W.

Total N.E.W.: 190.00 gr

0.43 oz

TNT Equivalent: 0.045 lb

Inside

Inside: Yes / **No**

MSD: 6.4 ft

SAVE AS BREACH REPORT

Fill in all relevant information about your charge with the use of drop down menus.

Select Imperial (inches) or Metric (cm)

Type/Quantity of Explosive
- DetCord (18-100gr), Sheet (C1-C6), C4 (M112), ACE (300gr-5400gr)
- For multiple explosives, click (+)

Deta Prime Booster / Slip on Booster
- Whole, ½, ¼, multiple click (+)

Initiating System
- Single/Dual Prime

Total NEW and TNT Equivalent in Imperial grains/pounds) or Metric (grams)

Internal/External
- If Internal, select "Yes" and input room dimensions to get internal PSI

Patent Pending

Breacher App
Pre Calculated BreachPops

All relevant information about your charge is pre calculated with the use of products from BreachPop®

- Select which type of BreachPop®
- Shows Total NEW and MSD
- Establish a Breach Report

⌂ Pre Calculated Breachpops   BREACH POP

Active Unit

Active Unit | Imperial | Metric |

Type of Breachpop

Type   Breachpop # 3 Mini Nunchuck ▾

Total N.E.W.   151.37 gr

MSD   5.9 ft

SAVE AS BREACH REPORT

P3D Solutions   Imprint   Data Protection   Copyright 2020 P3D Solutions
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Patent Pending

Breacher App
NEW to MSD Diagram
Quick Reference of NEW to MSD for:
Glass Breakage; Stacking Distance (MSD); Eardrum Rupture
and Lung Damage

⌂ **NEW to MSD Diagram**

N.E.W.		Glass Breakage	Meter MSD	Feet MSD	Eardrum Rupture	Lung Damage
g	Gr	3kPa	25kPa		35kPa	43kPa
5	75	6.7	1.4	4.6	1.2	0.5
10	150	7.2	1.7	5.6	1.4	0.6
15	230	8.3	1.9	6.2	1.6	0.7
20	300	9.1	2.1	6.9	1.7	0.7
25	385	9.8	2.3	7.5	1.9	0.8
30	450	10.4	2.4	7.9	2.0	0.8
35	550	11.0	2.6	8.5	2.1	0.9
40	600	11.5	2.7	8.9	2.2	0.9
45	700	11.9	2.8	9.2	2.3	1.0
50	800	12.3	2.9	9.5	2.4	1.0
55	850	12.7	3.0	9.9	2.4	1.0
60	900	13.1	3.1	10.2	2.5	1.1
65	1000	13.5	3.2	10.5	2.6	1.1

Breacher App
Breacher Tool by Breachers

P3D SOLUTIONS
PROFESSIONAL SOLUTIONS TO PROFESSIONAL PROBLEMS

BREACH POP
www.P3DSolutions.com

Breach report

User	Nitro
Time	12:51
Date	12/28/2020

BREACH POP

Operator

Operator	Master Breacher		
Country	Norway	Date build	12/28/2020
Name/Call sign	Nitro	Date used	12/28/2020
Team	P3D Solutions	Type of charge	
Title	Shot 1 Test		
Shot number	1		

Location

Location	-	Light	Day
Type	Push		

Explosives

Explosive	Det Cord 50 grains / 10 gram	Booster	
Length	35 cm	Priming	Single

N.E.W.

		MSD	
Imperial	76.01 gr	Imperial	4.70 ft
	0.17 oz	Metric	1.50 m
Metric	4.93 g		
TNT Equivalent	0.018 lb		

Interior

Inside	No

Method of attachment

		Target Description	
Method	Hydragel between door handle and door frame	Target Description	Solid Wood External door

Result

		Comments	
Result	Positive	Comments	Clean Breach. Door handle and Door lock removed from the door

The Breacher App makes off-line charge calculation and documentation easy and complete. Pictures can be imported to a breach report from your device at the touch of a button and a PDF report can be printed or shared via email or messaging.

Download at:
www.p3dsolutions.com

Terms, Conditions & Disclaimer

This app has been developed to enhance the operational capabilities of the breacher by providing a quick way to determine NEW, MSD and internal PSI for a given charge, while retaining an electronic breach report for future reference. The use of this app for activities other than that is expressly forbidden. Breaching is a fundamentally dangerous activity. P3D Solutions, Inc and BreachPop, LLC assume no liability, expressed or implied, from the use or misuse of the calculations and data provided in this app.

Privacy and Safety

P3D Solutions, Inc and BreachPop, LLC take your privacy very seriously. We utilize Google's GAME encryption, developed by Zix for G-Suite Business. This ensures credentials/letterhead are secured as necessary for our customers. Secure communications can also be made available via Signal at your request.

Further, your breaching data is safe. There is NO data mined by P3D Solutions, Inc or BreachPop, LLC through the use of the breaching app. Once downloaded to your device, all charges, calculations and breach reports are stored natively in your local storage and cannot be accessed by anyone, barring a compromise of your device itself.

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Breacher App

P3D Solutions, Inc is the manufacturer and distributor of the Breacher App.

Contact us directly to discuss utilizing our tamped charge container technology to solve your custom breaching problem.

For more information about our Tamped Charge Container Technology and Products:

BreachPop, LLC
Veteran Owned Small Business
DUNS Number: 102360175
CAGE Code: 8JXK4

contact@p3dsolutions.com

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